The
HEMIST AND DRUGGIST
or RETAILER - WHOLESALER - MANUFACTURER

shed 1859 28 Essex Street, Strand, London, W.C.2 Registered as a Newspaper

23
XL OCTOBER 16, 1943 Annual Subscription (with Diary) 25/-. Single Copies 9d.

NTERESTING EVENTS IN PHARMACY No. 24

ALEXANDER PORPHYRIEVICH
1834 **BORODIN** 1887

Although this versatile genius is chiefly famous as a musical composer, he spent the greater part of his life as a Professor of Chemistry at St. Petersburg (Leningrad).

The unusual quality of his mind is further reflected by his successful advocacy of feminine emancipation in an age and environment when this must have appeared very bold indeed. He was Co-Founder and Professor of the Women's College of Medicine.

BURGOYNE BURBIDGES
Established 1741. & COMPANY, LIMITED, **LONDON. E.6**

RED DIAMOND BRAND

think the time propitious to recall the name of a celebrated Russian who helped to lay the foundations of the mighty state of our great ally today.

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Parke, Davis & Co.

ask for the indulgence of pharmacists towards the firm's endeavours to secure, on the . . . basis of their customers' 1939 orders, a fair . . . distribution of . . . their own officially restricted stocks . . .

MEDICAMENTA VERA

50 BEAK STREET, LONDON, W.1

Inc. U.S.A. Liability Ltd.

Milton Bulletin No. 16

P.A.T.A.

MILTON ANTISEPTIC IS *NOT* IN SHORT SUPPLY

Wholesale and retail purchasers frequently assume that Milton Antiseptic is in short supply. This misunderstanding no doubt arises because some other types of antiseptics are difficult to obtain.

Good stocks of both sizes of Milton Antiseptic (8d. and 1/11½d.) are available for immediate despatch. While packing, labour and transport difficulties may at some future date result in some delay in the despatch of orders, as occurred during the winter of 1941–42, there is normally no delay in the execution of orders.

The use of "hypochlorites" for special purposes to replace disinfectants in short supply was recommended by the Therapeutic Requirements Committee of the Medical Research Council (see *Pharmaceutical Journal*, April 4, 1942), which emphasised the necessity of selecting those materials which are most readily available."

It is in the national interest, therefore, that it should be known that ample supplies of the standard hypochlorite antiseptic, 'Milton,' are available; and that the use of this type of antiseptic is officially recommended for suitable purposes.

Milton Denture Powder (1/3d. and 2/2d.), Milton Antiseptic Ointment (7d. and 1/1½d.), and Milton Dental Cream (1/2d.) are available, and may be ordered with Milton Antiseptic in £2 and £5 carriage-paid bonus parcels. Milton Nasal Sprays (3/6d.) may also be included. The prices shown throughout are retail (including Purchase Tax, except in the case of Sprays, which are tax free).

Milton Antiseptic Ltd., Chapel Lane, Sands, High Wycombe, Bucks

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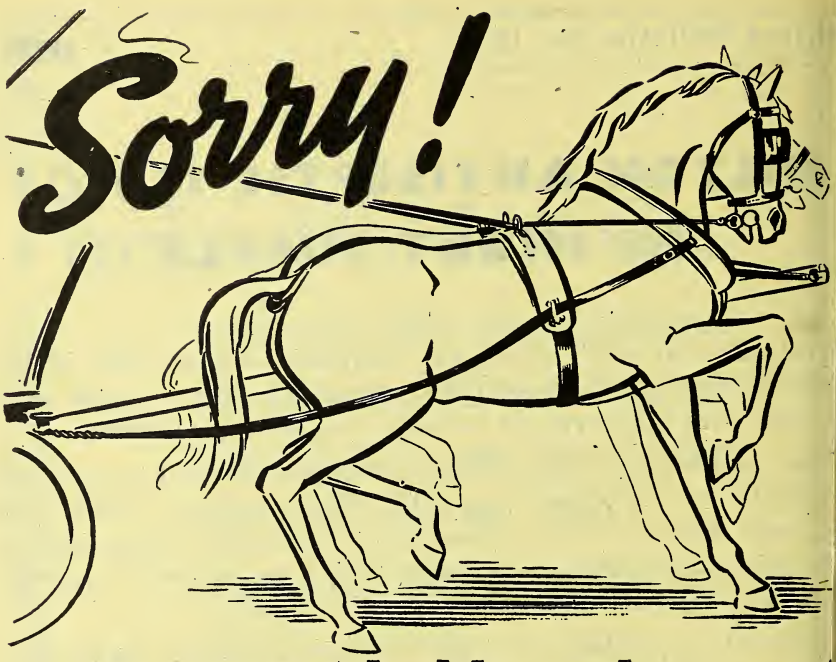

...we must hold our horses

Up to now we have been able—true, with some little difficulty—to supply all requirement for KORAY without undue delay. Accumulated stocks, however, are now practicall exhausted and we are dependent upon current production, and, unless it is very fairl and evenly distributed, KORAY may come into short supply in some parts of the countr almost at once. We do not wish this to happen. But, circumstances alter cases—if w keep you waiting, if your order is not completely fulfilled, it is only because KORA like most good things, is on strictly limited supply.

KORAY LIMITED, LONDON & BLACKPOOL

KORAY

KILLS PAIN *QUICKER*

A BIT OF BETTER NEWS
There are vacancies in one or two parts of the country for wholesale distributors for KORAY. Wholesalers are invited to get in touch with us so that these blanks may be filled in

KORAY is the registered trade-mark for the specific analgesic anti-pyretic tablet manufactured by KORAY LIMITED

COMMON COLD & ANTI-CATARRH

VACCINE NO. 3 (EVANS)

a safeguard against winter colds

★

This vaccine provides a prophylactic prepared from cultures of the appropriate organisms and its effectiveness in preventing the development of epidemics in families, schools, offices and factories has been widely demonstrated. The product is being thoroughly publicised in the medical press and adequate stocks should be carried to meet prescriptions well in advance of the first onset of winter weather.

★ RETAIL PRICES : Ampoules of 1 c.c. 1/9 each. Boxes of 3 x 1 c.c. 5/- per box. Rubber capped bottles : 5 c.c. 6/6, 10 c.c. 10/3, 25 c.c. 24/-.

Prices apply to Gt. Britain and N. Ireland. Subject to usual discounts.

MEDICAL EVANS SUPPLIES

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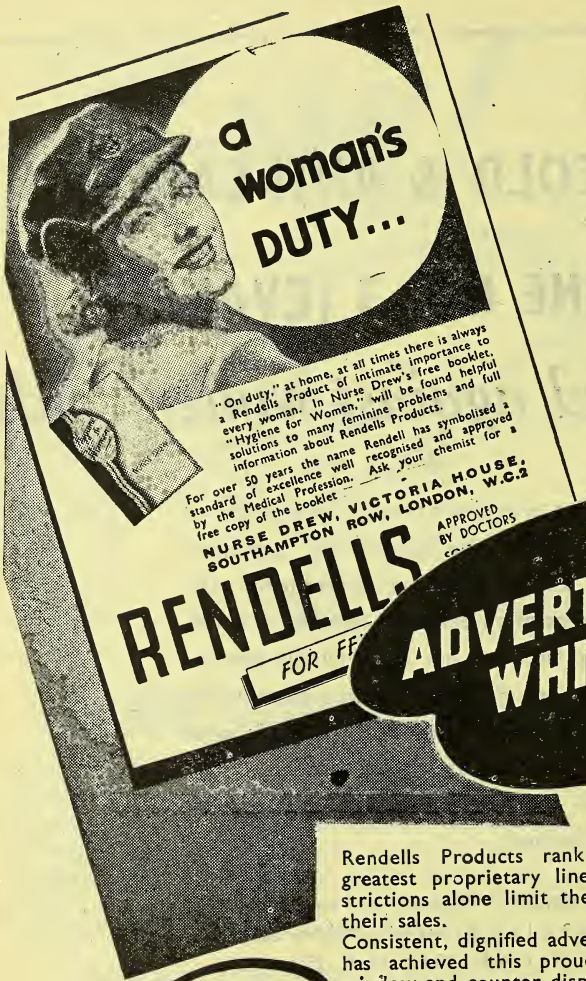
Liverpool and London



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Rendells Products rank among Britain's greatest proprietary lines. War-time restrictions alone limit the upward trend of their sales.
Consistent, dignified advertising at all times has achieved this proud result. Ample window and counter display material is still available for all Pharmacists.

Rendells

PRODUCTS

FOR FEMININE HYGIENE

P.A.T.A.

5

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An Advanced Formula

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Vykmin

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Wilcox Jozeau & Co., Ltd.,
74/77, White Lion Street, N.1.

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- all Top, one-hole perfor-tion, ensuring constant nd steady flow.
- uffer shoulder protects aby's mouth.
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- Collar ensures firm grip on bottle which CANNOT BE PULLED OFF BY BABY.
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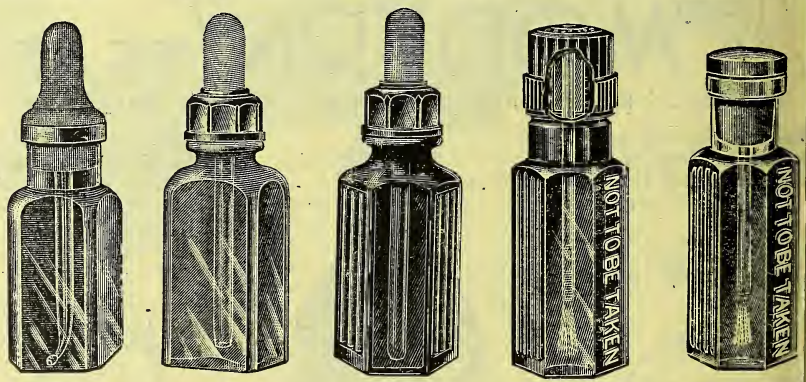

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In constant demand!

What is your stock position? Is it time you ordered again? Supplies are not unlimited. By ordering well in advance you will lessen the risk of being out of stock through unavoidable delivery delays, and, at the same time, assist us to arrange an equitable distribution of available supplies. VENO, ENO, THERMOGENE, PHENSIC are firmly established, quick-selling, profitable lines. Order well ahead!

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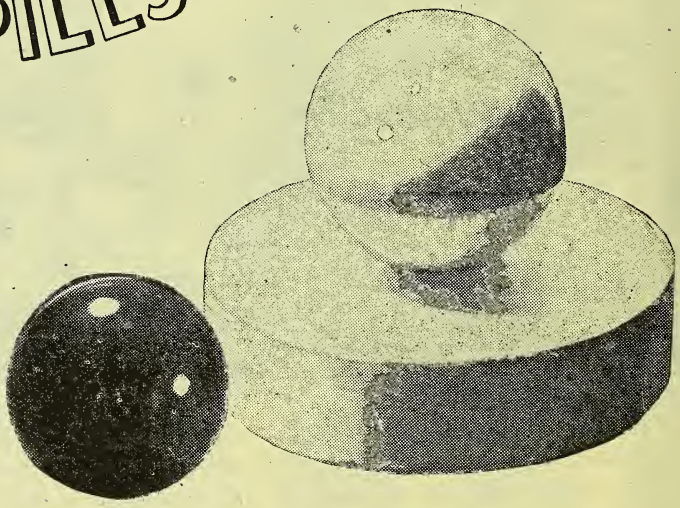

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Licence No. L164

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in great demand owing to non-existence of lemons . . .

Lem-Lem can be used for any purpose for which housewives normally use lemons—for cooking, baking, lemon curd, lemon tea, hot and cold drinks, also as a hair rinse, and for removing stains from hands, etc.

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Make a note of this now. You CAN get "Curicones." So there is no need to disappoint your customers—or lose money yourself. It is true, of course, that only two sizes are now available, the 5/- size, and the large 24/- size. Your Wholesaler should have both sizes in stock. Delay may occur in delivery; so don't wait until you run out of "Curicones" before re-ordering. Staff shortage is now everybody's problem—and that includes your Wholesaler. He may not be able to attend to your orders so promptly as hitherto but he CAN supply you with "Curicones."

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—the remedy for Rheumatism and kindred troubles.

are still obtainable

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Glucose Barley Sugar

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2. Against Medical prescriptions sent to us through any qualified chemist in England, Wales, Scotland or N. Ireland.

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Rhumuv tablets **Trysol antiseptic** **Medophyll tablets**

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# of Sheffield

1896 P.A.T.A. 194

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TABLETS

AND

PILLS

For the Pharmaceutical Trade

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MEDICINAL PRODUCTS
OF
ANIMAL ORIGIN

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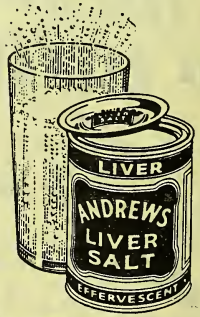
don't think you're being neglected when others have supplies of Andrews and you are still waiting for yours; maybe yours is on the way. The distribution of Andrews is as fair as our endeavours can make it, and delays are due to circumstances entirely out of our control.

Owing to the withdrawal of the small tin, the shortage of Andrews is more apparent than real, because every customer who buys a tin of Andrews now gets a larger supply each time.

We appreciate your efforts to distribute Andrews over as many of your customers as possible . . . Thank you!



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LIVER SALT
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On every woman's lips

Jean Claude

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Windowed Face Powder Boxes. Circular and Sprinkler Talcum Powder Boxes. Embossed Stock Perfumery Labels. Attractive designs. Minimum, 250 of a type. Also **Shampoo Envelopes.** Price Lists, **3d.**

Attractive Metal-capped Bottles and Jars. All types suitable for Perfumery and Medical purposes.

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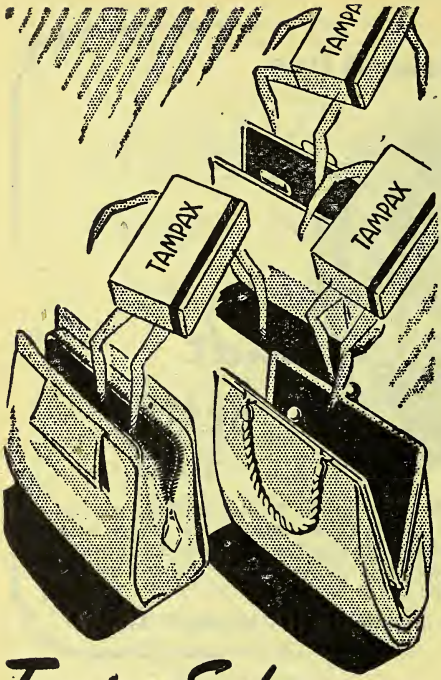

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Personal recommendations and consistent advertising are bringing new business for Tampax every week. And new Tampax business means two things—both acceptable to the dealer in these days. Every sale starts a steady *repeat* demand. And every customer who comes in for Tampax usually goes out with other purchases as well!

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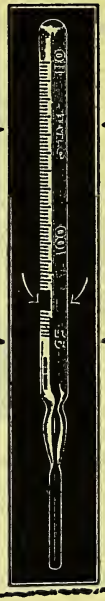

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"MATER"
CLINICAL REGD.
The position of the Mercury column is at once perfectly plain. Red markings above 99.4.

ALL TYPES OF CLINICAL AND OTHER THERMOMETERS

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Foot-troubles undermine work-power, and that, at this crucial moment — is just what the country can't afford. Now is the time to do a real service — to bring Scholl Foot Aids strongly before the public in your windows and on your counters.

Let your business be an Action Station — where with the help of Scholl, you advise sound antiseptic treatment — and encourage everyone with serious foot trouble to take expert advice.

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TARSO PADS
FELT PADS
for corns, bunions and callouses

2-DROP CORN REMEDY
BUNION LOTION
relieve pain promptly

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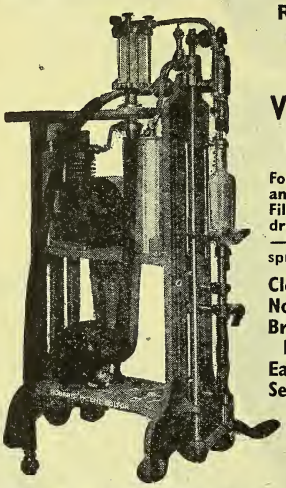

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For Glass, Stone, and Tin Bottles. Fills all sizes from drachm to quart —long, short or sprinkler neck.

Clean & Rapid
No Over Filling
Broken Bottles Rejected
Easy to Clean
Self Rinsing

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Makers of every description of Bottle Filling and Shallow Jar and Tin Filling Machine for the Chemists' use
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RAPID MIXING & STIRRING UNITS

High and low speed electrically driven models in sizes from ten gallons upwards to suit different vessels. Complete Mixing Vessels supplied, fitted with Portable Agitators.

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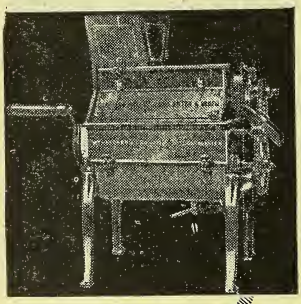

These hand-operated Machines are as accurate as the larger GARDNER models and ensure a true homogeneous mix. Upkeep and working costs are negligible.

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Patent 'Rapid'
SIFTER & MIXER

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DOG MIXTURE

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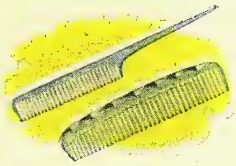
KNOW THEM BY THEIR PLASTICS . . .

Her comb



A comb that can do what it's meant to do . . . never failing . . . efficient — like herself — smart . . . economical. She takes precious care of her comb — her plastic comb — for now, plastics are a munition of war. Their purpose is vital. The need for them great. But the time will come — and final Victory will herald the day — when all the resources of KLEEWARE will be diverted to serve the peoples of the world . . . a world so dependent on Plastics for its reconstruction.

★ *Most* KLEEWARE *products are moulded from* KABROLOID *Moulding Powders manufactured by O. & M. Kleemann Ltd.*

T.B.B.

O & M KLEEMANN LTD

London Office:

MARPIN HOUSE, 156/162 OXFORD ST., W.1

Kleeware

Regd. Trade Mark

PLASTICS

CARNEGIE

FINE CHEMICALS

ALOIN
BARBITONE SOLUBLE
BISMUTH SALTS
CAFFEINE SALTS
CHRYSAROBIN, CITRATES
EMETINE, EPHEDRINE
IODIDES, LITHIUM SALTS
PODOPHYLLIN RESIN
SANTONIN
STRYCHNINE & SALTS
THEOBROMINE SALTS, Etc.

CARNEGIE CHEMICALS (WELWYN) LTD

WELWYN GARDEN CITY, Hertfordshire

Telephone: WELWYN GARDEN 506 (4 lines) Telegrams: CARNECHEM, WELWYN GARDEN

MOTHAKS

PREVENT ALL DAMAGE BY MOTHS

The advertising of Mothaks goes on consistently in nearly a hundred newspapers and magazines. During the next few months, emphasis will be laid upon the importance of using Mothaks all the year round.

Increasing numbers of people are coming to realise that measures to combat the moth menace must be in operation during autumn and winter time. No one can afford ruined clothes nowadays, nor coupons needlessly expended on replacements.

Mothaks are good stock all the year round. They sell steadily where shown and enjoy the confidence of millions of users.

Advertisements are planned to appear throughout the autumn and winter months in the following magazines and newspapers.

Ladies' Journal
Good Taste
Mother and Home
Home Dressmaker
Everywoman
Woman's Illustrated
Woman's Journal
Woman and Home
Women's Pictorial
Woman's Own
Housewife
My Home
Home Fashions
Woman's Weekly
Home Notes
Model Housekeeping

Daily Mail
Sunday Dispatch
London Evening Standard
Scottish Daily Express
Edinburgh Evening News
Glasgow Bulletin
Glasgow Daily Record
Belfast Telegraph
Irish Radio Times

and numerous provincial newspapers.

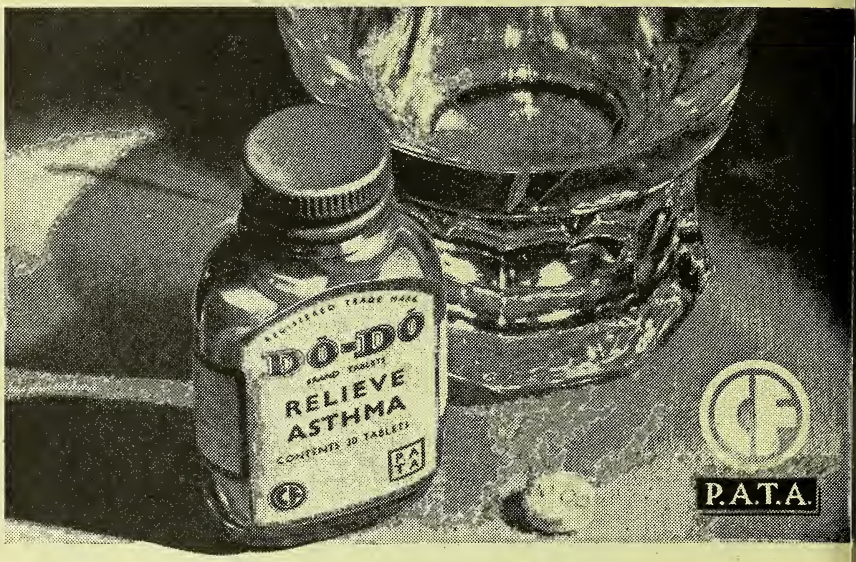
Still 6½d. for a bag of eight Mothaks. No purchase tax.

SOLE MAKERS

THOMPSON & CAPPER WHOLESALE LTD.

5a SPEKE HALL ROAD, LIVERPOOL, 19

Telephone: Hunts Cross 1321 *Telegrams:* "Sanitas, Liverpool"



The Largest Selling Asthma Tablet in the World—for the best of reaso
International Laboratories Ltd., Charlbury, Oxfo

"ONE OF OUR SPECIALITIES"

Losalls

THERMAL LINIMENT

A Warm and Stimulating Liniment.

Retail Price:
1/9

Wholesale:
11/6 doz.
+ 1/11 tax

LOFTHOUSE & SALTMER Ltd., HULL

An Instant Succes

JOHNSON'S

SPECIAL
IODIZED
Throat Tablets

prescribed for

SORE THROAT
HOARSENESS
LARYNGITIS

9½D INC TAX

SOOTHING & ANTISEPTIC

JOHNSON'S AGENCIES LT
CLARENDON WORKS, CROYDO

Cries of London

Old Clowze, any Old Clo, Clo!"

THE OLD CLOTHES MAN

"Daily streets and squares I range
Calling clothes to sell or change."

SINCE **POTTER & CLARKE LTD** 1812

LONDON AND MANCHESTER

LABELS

Medical and Dispensing Labels, Toilet, Cosmetic and Perfume (attractive two-colour 50-60 wordings), Shampoo Powder Envelopes and Inners, also Saccharin Tablet Envelopes (new wording), with name and address.
NEW REGULATIONS—Send 6d. for complete sample range.

CARILLON PRESS Ltd BOURNEMOUTH

Artists in the Production of Fine Labels

FRANCO-BRITISH ELECTRICAL CO. LTD.

For Ampoules & Vials.

FIRTH STREET GLASSWORKS
LEEDS 9

Help Your Customers Blitz Their

CORNS

with
HOBSON'S CHOICE

2d. 5½d. and 7d. pkts.

Hobson, Trimble & Co. Ltd., Union House, LEEDS 2.

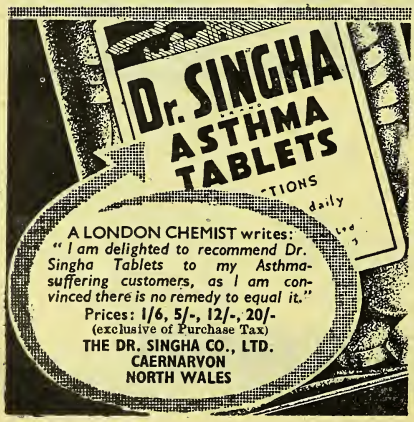
MARRSONA

YEAST FOR ANAEMIA

MIDGLEY & PARKINSON, LT
WARREN WORKS, PUDSEY, LEEDS

STILL THE BEST REMEDY FOR

ASTHMA



A LONDON CHEMIST writes:
"I am delighted to recommend Dr. Singha Tablets to my Asthma-suffering customers, as I am convinced there is no remedy to equal it."
Prices: 1/6, 5/-, 12/-, 20/-
(exclusive of Purchase Tax)
THE DR. SINGHA CO., LTD.
CAERNARVON
NORTH WALES

He uses Shar
and gets a clean s
week after week
one blade. Widesp
advertising is stim
ing sales. Sharpe
tails at 4/6 (inc.

WARTIME Pifco

SHARPE

RAZOR BLADE SHARPENE

Order from your regular wholesaler

INCREASE YOUR SALES—PROTECT YOU
PROFITS

BRICCAS

FRAGRANT TONIC
HAIR CREAM
Makes the Hair Behave

VANISHING CREA
For Loveliness & Char
Delicately Perfum

ALL MATERIALS AVAILABLE
PROMPT DELIVERY

Send stamp for details to

BRICCAS LTD.
4 Cavendish Place, London, W.1
[Phone: Langham 1183

About the new 'K*epler*' advertising

This winter 'Kepler' will be advertised extensively in the Sunday national papers, in such magazines as the Radio Times, Punch, Picture Post, and many women's journals.

More mothers will be looking to 'Kepler' to help their "men and women of tomorrow" through another wartime winter, and demand will be greater than ever.

Visits from representatives are necessarily less frequent and deliveries may take longer owing to labour and transport difficulties. Anticipate increased demand *now* and send your order without delay.

'K*epler*'

TRADE MARK

COD LIVER OIL WITH MALT EXTRACT

Bottles of two sizes, 3/6 *and* 6/3
Retail Prices

BURROUGHS WELLCOME & CO.
(The Wellcome Foundation Ltd.)
LONDON

WARRICK · BROS · LTD

R. HENDRIE & CO. • ESTAB. 1760 • MADDOCKS & CO

FINE PRODUCTS FOR THE PHARMACY!

CAPSULES

Bulk Packed and Speciality
Halibut Liver Oil, Tonic
Cold Cure, Influenza
'Stankap' Asthma

DIGESTIVE Preparations

Bismuth Dyspepsia Tablets
'Carbo Absorbent' Granules
Digestive Granules
'Gestona' brand Tablets

OINTMENTS

Golden Eye Ointment
Skin and Eczema Ointment
Lanoline Ointment B.P.C.
Pile Ointments

PASTILLES (Medicated)

Comp. Glyc. of Thymol
Antiseptic Throat
Catarrh, Cough
and others but all temporarily
in restricted supply

COUGH & COLD Products

Cold Cure Capsules
Ephedrine Nasal Compound
Iomints Anti-catarrh Cream
Lozenges and Pastilles

DENTIFRICE & DENTURE Preparations

Tooth Paste
Effervescing Dentifrice Tablets
Effervescing Denture Tablets

PILE Preparations

Stainless Pile Ointment
and others
Suppositories
Pellae 8-day Treatment

LOZENGES & TABLETS

Usual popular formulae,
but all temporarily
in restricted supply.
Cough, Bismuth Comp.
Bismuth Dyspepsia, etc.

AND MANY OTHER LINES

Full details sent on application

SEND TO—

WARRICK BROTHERS, LTD.

'Phone: CLERKENWELL 2452-3. 'Grams: WARRICKERS, NORDO-LONDON
CORRESPONDENCE FROM OVERSEAS SOLICITED

NILE STREET • LONDON

The
CHEMIST AND DRUGGIST

For RETAILER — WHOLESALER — MANUFACTURER

Published Weekly at

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrand, London" Telephone: Central 6565 (10 lines)
Emergency Address: 17 ARGYLE STREET, BATH Telephone: Bath 5492

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NEWS OF THE WEEK

earl Barley Price Reduction.—The Pearl ley (Control and Maximum Prices) . 2) Order, 1943, dated September 29, nacts an earlier Order with the single ration that the maximum price is uced from 9d. to 7½d. per lb.

dible Oils.—The Ministry of Food ounces that the Edible Oils and Fats ntrol of Sales) Order, 1943 (No. 701), been amended, with effect from ober 10, by the exclusion of petroleum any products of petroleum from the nition of "edible oil."

ew Fertilisers Order.—The Control of tilisers (No. 27) Order (S. R. & O., 1943, 1362) revokes and remakes in consoli- ed form, with amendments, the Control ertilisers Orders, Nos. 5, 10, 17, 19, 21 23, which provided maximum prices certain potash, sulphate of ammonia, c slag, triple and ordinary super- sphates of lime, ground phosphate and pound fertilisers. The Order came into e on October 4.

Listed Sellers in Liverpool.—The annual report for 1942 of the Liverpool Medical Officer of Health, just issued, gives the number of listed sellers of poisons in the City under the Pharmacy and Poisons Act, 1933, as 351.

Returns of Potash Imports.—Persons or firms who, in the ordinary course of their business, either as brokers or principals, imported caustic potash and/or carbonate of potash, c.i.f., in aggregate quantities of 150 tons of solid caustic potash and/or 120 tons of carbonate of potash, during the three years 1938–40 inclusive, are invited to give particulars to Kalium, Ltd., c/o Thomson, McLintock & Co., chartered accountants, 101 Cannon Street, London, E.C.4, not later than November 15. "Imported" is understood as meaning "took-up and actually paid against documents and dispatched to ultimate consumers or other distributors in their original imported form." The details given should be certified particulars of the quantities imported and distributed during

the period specified, the figure for each commodity being given separately.

Liverpool Co-operative Pharmacies.—Liverpool Co-operative Chemists, Ltd., a company formed to operate the pharmacies of the Liverpool Co-operative Society, Ltd., controls five shops. Sales for the half year to July 24 amounted to £11,752. Dividends are paid on purchases as in other co-operative shops. The last quarterly dividend was 1s. 9d. in the £.

In Possession of Drugs.—At West London Police Court, recently, Nathanial Laryea, a coloured man, was sentenced to three months' imprisonment for possessing cocaine and Indian hemp. When Laryea was searched he had on him a cigarette packet containing fourteen home-made cigarettes made with Indian hemp, and in his cigarette case was 4½ gr. of cocaine.

Inquests.—At Gateshead, on October 4, a verdict of "Death from broncho-pneumonia accelerated by a dose of Luminal tablets self-administered while the balance of her mind was disturbed," was returned on Mrs. Olive Hope Senior.—At Birmingham, recently, a verdict of misadventure was returned on Frank Augustus Smith, who was found dead in an underground shelter in which he had been cleaning a garment with a chemical cleaner. It was stated at the hearing that Smith made the four mistakes of taking the garment to an underground shelter where there was little ventilation; turning on an electric fire which vaporised the liquid; lying down to sleep in an atmosphere vitiated with fumes; and, on awakening, endeavouring to get up.

Conference on European Food Problems.—A Conference on "Problems of Freed Europe—the Challenge to Medical Sciences," organised by the London Area Committee of the Association of Scientific Workers, took place in London on October 2. Approximately 200 delegates were present, most of whom were representatives of scientific and relief organisations and of Allied Governments. The following resolution, moved by Dr. S. C. Dyke (president, European Association of Clinical Pathologists) was carried by acclamation:—

"This Conference, arranged by the Association of Scientific Workers, urges upon the Government that there be no relaxation of rationing until the needs of occupied Europe have been supplied, and that, as an essential preliminary, a wide campaign of education be undertaken to explain to the public the necessity for a measure."

Location of Retail Businesses Orde The President of the Board of Trade, consultation with the chairman of Central Price Regulation Committee London local price regulation commi has decided to appoint a new commi for the London region to deal with the v under the Location of Retail Busine Order, 1942. Lord Swaythling has appointed chairman of the new commi which will be called the Local R Licensing Committee, and will have offices at New Oxford House, Lon W.C.1. The names of the other mem of the committee are to be announced l Until the new committee has been pointed, the local price regulation mittee will continue to deal with app tions for licences under the Order; applications, and all correspondence rela to outstanding applications, should future, however, be sent to the secre of the Local Retail Licensing Commi New Oxford House, W.C.1.

Eire Wholesalers and Retailers Me There was a representative attendanc delegates from the provinces at a conference at the Irish Drug Associa offices, Dublin, on September 28, bet the retail and wholesale sections of Association. The purpose of the me was to discuss the charges made by w sale houses for empties returned from country. The retail point of view was by many of the provincial representat who contended that the charge for retu empties that had been imposed on co chemists since July last was unfair unjust, and an impost they all rese The wholesalers' case was embodied memorandum submitted to the confer in the course of which it was pointe that since motor vans no longer tra long distances into the country with o taking back empties on the return jour considerable costs were now entail taking back these empties by rail. A full discussion the wholesale section a to discontinue making the charge, a adopt another procedure by whic reimburse themselves for the ex entailed. Before finally adopting the native plan the wholesalers agree communicate their proposals to the section. Members afterwards had lun together, and in the afternoon the prov representatives went into conference the Association committee (retail secti

TOPICAL REFLECTIONS

vspaper Advertisements

he action of the Newspaper Proprietors' ociation in tightening its control of Press ertisements (pp. 357, 365) is a public- ited step, and accordingly commends lf to well-informed people. A comparison he list of banned names in Rule I of the ement with the similar list in Sections 8 9 of the Pharmacy and Medicines Act, 1, shows that the Association is in ance of the Legislature in this matter.

general public has probably never ised the power of the British Press as essential element in the freedom enjoyed a birthright in this country. And the ss owes much of its present position to judicious policy in dealing with adver- ments. Speaking at South Shields on ober 7, Mr. Gordon Robbins gave some ificant facts regarding this develop- t. At the beginning of the nineteenth ury, he said, no British newspaper d live on its sales and its advertise- ts. The London daily papers made no et of supplementing revenue from these ces by political subsidies—in some s, even by "bounties" from foreign ernments. But by the middle of the ury "every vestige of that rotten em had been swept away." How was it e? Thomas Barnes, then editor of "The es," concentrated on "the vital point he credit of the Press, meaning relief n Government management and pro- anda. He deliberately called in the mercial interest to rid the Press of the tical boss." For that epoch-making rm the proprietor of the paper, John ter, must have a share of the credit. It , in Mr. Robbins's opinion, "the greatest le contribution made by a journalist to public interest in British history."

Care of the Eyesight

f several topics suggested by your cle, "Seventeenth-century Doctors' s" (p. 361), it must suffice to comment he first, the care of the fifth Earl of ford's eyesight. At the period named, ton was working out his historic studies ptics, and some time was to elapse re his research found expression in cal practice. Meanwhile, and even well the next century, practitioners whom hould now stigmatise as quacks did a ishing trade in the manipulation of the al disorders of the community. The "leading cases" are those of Read Taylor. In 1694 William Read, an obscure tradesman, had set up in the Strand in London as an eye specialist, and, "for Charity," a healer of "Cancers, Wenes, Heair Lips, Wry Neckes, and Dephness." He paid an anonymous hireling to write a book or pamphlet for him on diseases of the eye, and was, it is said, too illiterate to read it. Later he got a Grub Street poet to turn out a set of verses entitled "The Oculist," the point of which may readily be inferred; and before his death in 1715 he had succeeded in obtaining the favour, consummated by a knighthood, of Queen Anne. John Taylor, who bestowed on himself the prefix "Chevalier," came into notoriety a little later than Read. He worked for a time in London at St. Thomas's Hospital, and for the rest of his life travelled as an oculist in the United Kingdom and abroad. He had many distinguished patients, including George II, Gibbon and Handel. The arts of the showman were well understood by him: specimens of his oratory that have survived are marked by showmanship and by little else.

Quackery Criticised

To suppose that either Read or Taylor escaped contemporary criticism would be to do the period an injustice. An epigram in verse on Read and Grant (another "artist" in optics) ended with the line "And the mountebank Read was knighted." Similarly, Horace Walpole composed a quatrain in 1758, suggesting that Taylor called himself "Chevalier" because he was a pretender—an allusion to the Young Pretender of 1745. An eighteenth-century medical writer, Dr. King, admitted that Taylor operated dexterously, but added that he undertook every type of case, even the manifestly "impossible." Any feeling of surprise on our part that such charlatans could have succeeded to the extent they did may be tempered by the reflection that only gradually have intelligent laymen come to realise the importance of exact scientific observation in matters of health. It is on record that in the eighteen-forties, when railways were being extended in sections throughout this country, an educated man who afterwards became the head of an Oxford college purchased a pair of spectacles in deference to the general belief that the high train speeds likely to be reached at times would be deleterious to the eyes. Fifty years or so later he recalled the incident when ordered glasses for reading.

Xrayser

LEGAL REPORTS

Alleged "Black Market" Transactions.—At Liverpool Police Court, on October 5, Frederick Joseph Mulholland, salesman, of no fixed address, and Bertram Rubin, M.P.S., Ducie Street, were committed for trial at Liverpool Assizes, on bail, on charges of conspiring to contravene the Prices of Goods Act, 1939, and the Goods and Services (Price Control) Act, 1941. Other charges against Frederick Joseph Mullholland and three other defendants were referred to in the *C. & D.*, September 25, p. 304.

D.D.A. Offences.—At Willesden, recently, John David Devine was bound over for twelve months on a charge of procuring a dangerous drug without authorisation at Kilburn High Road, London, on dates in February and March; and of having had in his possession utensils used in connexion with the preparation of opium for smoking. —At Burnley, recently, Dr. Frederick Buchanan Mackay was fined £10, with an advocate's fee of £3 3s., for failing to keep a record of purchases of dangerous drugs from a local chemist.

Factory Appeal Fails.—The Court of Appeal recently dismissed an appeal by Carltona, Ltd., against the requisitioning of their factory in North-west London. The appeal was made on the grounds that "the circumstances did not exist which entitled the Commissioners of Works and others to take possession of the factory." The Master of the Rolls held that, where a competent authority had reached a conclusion, the Courts could not, in the absence of bad faith, investigate the grounds or reasonableness of the authority's decision. All that they could do was to see that the act of the authority fell within the powers conferred on it by Parliament.

Goods Never Sent.—Clifford W. Jackson, 333 Coal Clough Lane, Burnley, received five years' penal servitude at Burnley Quarter Sessions, recently, on nine counts of obtaining money by false pretences. Chemists were among his victims. The offences arose from orders placed with the accused to supply hair-grips of spring steel. One method was to advertise goods in short supply in reputable trade journals, demanding money before the goods were sent, pocketing the money and never sending the goods. The amount involved in the nine cases was £573 2s., and, apart from one or two hair-grips sent as samples, no goods whatever were delivered. A typical advertisement was: "Spring hair-gri 9s. 6d. gross. C.W.O." The address w given as "Gretna, Burnley."

Appeals Against Convictions for Rece ing.—Two of six persons convicted by t West Ham Justices (*C. & D.*, September p. 304) of receiving a quantity of Brylcree knowing it to have been stolen, successfu appealed against their sentence at t West Ham Quarter Sessions recently. T successful appellants were Alfred Astl hairdresser, Dagenham, whose fine of £1 was revoked, his conviction quashed a costs allowed, and Philip Marcus, resc worker, Forest Gate, whose conviction w quashed and sentence of six months' ha labour revoked. The Recorder said t explanation they had given might reas ably be true.

Dealings in Razor Blades.—At Liverp Police Court, on October 6, the hearing charges against John H. Bretherton a Joseph O'Loughlin, dock labourers, receiving 43,000 razor blades, the prope of the Government, together with artic of clothing, knowing them to have b stolen, was adjourned until October both accused being allowed bail. A furt charge of conspiracy to contravene Prices of Goods Act, 1939, and the Go and Services (Price Control) Act, 19 was withdrawn by the prosecution. P secuting solicitor alleged that Brether went to the shop of a chemist named Gr in Brunswick Road, Liverpool, and, giv his name as Hennessey, and claiming have a business in Wavertree Road, offe him about 20,000 blades. Mr. Green agr to buy these at a price of £153 17s. 6d., a paid £25 17s. 6d. on account. Later noticed that some of the packets w marked "Export," and informed the po accordingly. Bretherton admitted so times using the name of Henness O'Loughlin denied any knowledge of blades. Harris Green, M.P.S., 93 Brunsw Road, Liverpool, 6, denied, in evider that he had fixed a price for the blac The price arranged was practically normal wholesale price.

CLOSED ON SATURDAYS.—Advertisers a subscribers are reminded that owing to conditions the Head Office of THE CHEM AND DRUGGIST, 28 Essex Street, London, W. is closed on Saturdays until further not Urgent instructions relating to advertising subscriptions should be sent to the *C. &* 17 Argyle Street, Bath, Somerset.

COMPANY NEWS

SAMUEL BRADLEY, LTD. (P.C.).—Capital ,000. Manufacturers of and dealers in es, chemicals, fertilisers, etc. Samuel, s. Mary and Jack Bradley, directors. O.: 11 Peter Street, Manchester.

NOR-SUN, LTD. (P.C.).—Capital £150. emists' sundriesmen, chemical engineers, . John W. Howorth, M.P.S., and rnard S. Langton, M.P.S., directors. O.: 160 Central Drive, Blackpool.

KAPSINE PRODUCTS, LTD. (P.C.).—pital £500. To acquire the business of psine & Co., 92 Bath Street, Glasgow, nufacturers, exporters and importers of dicines, drugs, etc. Directors not named.

DAWDON DRUG STORES, LTD. (P.C.).—pital £100. Chemists and druggists, etc. lliam Forster, M.P.S., and Elizabeth mpbell, directors. R.O.: 12 Queen xandra Road, Dawdon, Seaham Har-ur.

T. T. LEIGHTON (CHEMISTS), LTD. (P.C.). Capital £1,000. Chemists, druggists, salters, etc. Mary M. Leighton and vid B. Mathieson, M.P.S., directors. O.: 565 Lea Bridge Road, Leyton, Lon-n, E.11.

IGMA MANUFACTURING & TRADING CO., D. (P.C.).—Capital £100. Manufacturers and wholesale and retail dealers in emicals, drugs, etc. Andrew B. McCart-y, director. R.O.: 58 West Regent eet, Glasgow.

THOMAS CASH CHEMISTS, LTD. (P.C.).—pital £100. Wholesale and retail chemists, nufacturers of and dealers in drugs, dicines, disinfectants, toilet requisites, d proprietary articles, etc. R.O.: 17 apel Street, London, N.W.1.

INFLUCOL, LTD. (P.C.).—Capital £100. emists, druggists, manufacturers of and alers in medicinal and other preparations, oprietary articles, etc. Joseph Barker (a rector of Engwools, Ltd.), director. R.O.: Chapel Street, Bradford.

FARFIELD & CO., LTD. (P.C.).—Capital ,000. Wholesale or retail manufacturing, armaceutical and general chemists, drug rchants, etc. James L. Wrathall, M.P.S., d Ena B. Wrathall, directors. R.O.: 25 estow Hill, London, S.E.19.

M. & T. (NORTHERN), LTD. (P.C.).—pital £1,000. Chemical manufacturers, emists' sundriesmen, etc. William Myers d Arthur Talbot, directors. R.O.: 52 odlands Road, Ansdell, Lytham St. nes, Lancs.

MACLENNAN BEVERAGE CO., LTD. (P.C.).—Registered in Belfast. Capital £12,000. To acquire the business of a beverage and mineral water manufacturer carried on by Alister MacLennan at 189b Ravenhill Avenue, Belfast. Alister MacLennan, director. R.O.: Ravenhill Avenue, Belfast.

EVANS SONS LESCHER & WEBB, LTD.—Trading profit for the year ended December 31, 1942, was £54,853, the amount transferred to the balance sheet being £19,110. Deducting dividend on preference shares, and adding balance brought forward, leaves £27,039 available, which the directors propose to apply as follows: Transfer to contingency reserve, £5,207; dividend on 6 per cent. preference shares (less tax), £7,254; dividend of 3 per cent. on ordinary shares (less tax), £1,855, leaving £12,723 to be carried forward. Mr. C. E. J. Sendall retires from the board and, being eligible, offers himself for re-election.

STEPHEN SMITH & CO., LTD.—Directors' report for the year ended April 30 states that a dividend of 8 per cent. has been paid on the preference shares for the year, but no interim dividend has been paid on the ordinary shares. The directors now recommend payment of a dividend on the ordinary shares of 7½ per cent. for the year, less income tax, after payment of which there will be £6,041 to carry forward. The staff contingency reserve has been credited with interest at 4 per cent. out of this year's profits, and, after payment of pensions and grants, now amounts to £21,688. A profit of £938 has been made on the realisation of sundry investments during the year, and this sum has been added to the reserve for investments, which now stands at £15,035. Brevet Lieut.-Col. Frederick F. MacCabe retires from the board by rotation and the directors recommend his re-election.

Spoiled Waste Paper.—The pulping mills report that an average of ten tons of other types of salvage are being found in every hundred tons of waste paper they receive. This has resulted in damage to machinery and consequent hold-ups in production. It also involves wastage of labour in sorting. Collectors of waste paper are asked to see that waste materials such as string, tins and metal and rags are not included in their sacks of waste paper.

MARRIAGES

FLYNN—CONLAN.—At the Church of St. Michian, Halston Street, Dublin, with nuptial Mass, by Rev. Fr. Crosbie, Michael Flynn, Ph.C., M.P.S.I., Rathdowney, to Margaret Conlan, Killasser, co. Mayo.

HILLS—BARSHALL.—At Hampstead Parish Church, London, N.W., on October 6, Walter Hyde Hills, son of Mr. J. Stuart Hills (chairman and managing director, John Bell, Hills & Lucas, Ltd.) to Renata Barshall.

HOARE—MCAULIFFE.—At St. Patrick's Church, Monkstown, co. Dublin, on September 27, Gerald R. Hoare, Booterstown, to Margaret M. McAuliffe, M.P.S.I., Strokestown, co. Roscommon.

KNOX—WILLIAMSON.—At Merrion Hall, Dublin, recently, John Knox, Ph.C., 8 Rutland Street, Belfast, to Ethel Vera Williamson, of Glasnevin, Dublin.

MACMAHON—GLEESON.—At St. Munchin's Church, Limerick, recently, Patrick A. MacMahon, M.P.S.I., 8 William Street, Limerick, to Mary Gleeson, Rockspring House, Limerick.

THOMAS—EVANS.—At the Methodist Chapel, Penllwyn, recently, Morgan Henry Thomas, M.P.S., Troedrhiwlwba, Capel Bangor, to Mary H. Evans, Capel Bangor.

Silver Wedding. — SHINNER — MCCLELLAND.—At Carlisle Memorial Methodist Church, Belfast, on October 9, 1918, by Rev. W. H. Smyth, M.A., Percy R. W. Shinner, M.P.S., to Anna L. McClelland. Present address: 68 Sunningdale Park, Belfast.

DEATHS

DIXON.—At. St. Theresa's nursing home, Newton St. Loe, near Bath, on Monday, October 11, following an operation, Mr. William Leslie Dixon, M.P.S., F.C.S., Arranmore, 14 Warminster Road, Bathampton, Bath, Assistant Editor of THE CHEMIST AND DRUGGIST, aged fifty. Mr. Dixon qualified in January 1916 and, after serving overseas with the Artillery and later with the Royal Air Force in the 1914–18 war, joined the editorial staff of THE CHEMIST AND DRUGGIST in February 1920. In 1941 he was appointed Assistant Editor. While stationed at Bath Mr. Dixon took an active part in Civil Defence, having been first warden, then chief warden, and finally Assistant Controller in Bathavon No. 2 area. In the course of his work on the editorial staff of THE CHEMIST AND DRUGGIST, Mr. Dixon attended a number of British Pharmaceutical Conferences and had many friends in the trade. He took a l interest in pharmaceutical matters, and particularly concerned with the futur pharmacy. He was also an enthusi amateur photographer. To his widow daughter the Directors and the London Bath staffs of Morgan Brothers (Publish Ltd., express deep sympathy in their loss. A requiem mass was held at St. Jo Roman Catholic Church, Bath, on Oct 14, and the interment took place at B ampton Church cemetery. Among the m floral tributes were wreaths from the d tors and staff of Morgan Bros. (P lishers), Ltd., who were represented at requiem mass by Mr. Oliver Chadw Healey (a director), Mr. O. F. C. Brom (Editor of THE CHEMIST AND DRUGG Mr. J. R. Goldthorpe (Publisher), Mr. C Waller, Mr. A. E. Corker, Miss Bo Mr. L. Brown, Mr. G. F. Harris, Mr. H Clements, Miss Mitchell and Miss Jar Mr. J. R. Fayers and Mr. A. T. S represented Sir Isaac Pitman & Sons, Representatives of the Bathavon Civil fence and social services were also prese

A colleague writes: "The news of L Dixon's death at a comparatively early age as a profound shock to his many friends. Ass tion with him began with respect, deepene esteem and then to real affection. Kindly unassuming in manner, a shrewd judg pharmaceutical affairs, he was diligent in ness, upright in conduct and a steadfast fr More and more as they worked with hi colleagues came to appreciate his high qua so closely associated with a fundamental i rity and modesty. His untimely death is a real loss to pharmacy. Our profession ca afford to lose such men. It is with emotion heartfelt sorrow that we say *Ave atque vale*.

FOSTER.—Killed in action in the Mi East, recently, Sergeant Eric Fo M.P.S., aged twenty-six. Sergeant Fo had previously been mentioned in patches for distinguished service.

GARIBALDI.—Recently, Mr. Joa Angel Garibaldi, M.P.S., St. Steph Close, Avenue Road, Regents Park, Lon N.W.8. Mr. Garibaldi qualified in 188

GARRETT.—On September 23, Mr. S cer James Edward Garrett, M.P.S., Mountfield Road, Hampden Park, E bourne, aged thirty-six.

MCNELLY.—On September 28, Mr. Ha McNelly, St. Helens, Lancs, a sales re sentative of Thomas Ward & Sons, I razor and razor-blade manufacturers, V rington, aged forty-three. Mr. McNelly been associated with the company twenty years.

'ATTON.—On September 23, Mr. James tton, M.P.S., 19 Berbice Road, Mossley ll, Liverpool, 18, aged seventy-eight.

PENROSE.—On September 24, Mr. John nrose, M.P.S., 36 Sylvan Terrace, Mount arles, St. Austell, Cornwall, aged sixty-e.

'ITTUCK.—At her home, 19 Stratford ove, Newcastle-on-Tyne, Miss Agnes S. tuck, daughter of the late Mr. F. W. tuck, M.P.S., Wallsend. Miss Pittuck s a qualified optician.

WHITE.—At a nursing home in Glasgow, September 28, Mrs. Edith Weldon hite, wife of Mr. Thomas W. White, P.S., 3 Sunningdale Avenue, Newton arns, Renfrewshire.

WHITLOW.—At his residence, 141 West-irne Avenue, Hull, on October 3, . W. H. G. Whitlow, joint managing ector of Lofthouse & Saltmer, Ltd., nufacturing chemists, Hull, aged sev-y. Mr. Whitlow commenced his career the drug trade with the firm of Woolley, is & Co., Manchester, and joined the ce staff of Lofthouse & Saltmer, Ltd., 1896, after further experience with nner & Co., Liverpool. For many years acted as secretary to the company, and s appointed a director in 1919, later oming a joint managing director. . Whitlow took such a great interest in drug and chemical trade that his work ght be said to have been his hobby. The iety and strain of the war years un-btedly hastened his death, but he died he would have wished, still "in harness." leaves a widow, one son and one ighter.

PERSONALITIES

MESSRS. J. H. HUNT, B.Sc. (Lond.) and F. MCLEAN, A.I.C., A.H.W.C., have ned the research staff of Allen & nburys, Ltd.

MR. A. H. BOGGIS (representative of rton, Saunders & Co., Ltd., Liverpool, N.W. England and S.W. Scotland) has noved to Hill Crest, 10 Scotland Road, nwix, Carlisle.

CHANGE OF NAME.—Notice is given in he London Gazette," October 5, that ederick David Perrin Smith, Ph.C., 58 uthbank Road, Hereford, has changed surname to Lewis-Smith.

MR. E. C. CRAVEN, B.Sc., F.I.C., gave address on "3 × 10 and All That" to mbers of the Hull section of the Oil and Colour Chemists' Association recently, in which he traced the development of methods to determine the velocity of light.

FLYING-OFFICER ALEXANDER MOIR DINWOODIE, M.P.S., 736 Hertford Road, Enfield, Middlesex, has been mentioned for his part with Beaufighter squadrons that have been operating over Burma. An Air Ministry report states that he was navigator in an outstanding "train-buster" team.

MR. GEOFFREY B. DEAN, B.Sc., son of Mr. John I. Dean, essence manufacturer, Plymouth Grove, Manchester, prepared the series of photographs used to illustrate the formation of blood corpuscles in Dr. Duran-Jorda's article on "Formation of Red Corpuscles" ("Lancet" CCXLV. 186).

MR. T. J. ROBERTS, J.P., M.P.S., 2 Well Street, Ruthin, Denbighshire, has been elected vice-president of the Association of Welsh Insurance Committees. Mr. Roberts, who was nominated by both the Denbighshire and Flintshire Committees, has been for twenty years the representative chosen by the Minister of Health on the Denbighshire Insurance Committee.

MR. C. D. RANKIN, senior London partner in Rankin Bros. & Sons, cork-wood growers and merchants, London and Lisbon, recently celebrated his seventieth birthday, on which he entertained some old personal friends to luncheon at the Savoy Hotel, London. A few days previously Mr. Rankin had broadcast to Portugal, in Portuguese, in the "Voz de Londres" programme of the British Broadcasting Corporation, his subject being "Fifty Years' Recollections of Portugal." The broadcast lasted nearly a quarter of an hour, and was clearly heard in Portugal. Cables and messages of congratulation have been received from many English and Portuguese friends.

RECENT WILLS

MR. ALFRED ERNEST THOMAS, M.P.S., 8 Herringthorpe Avenue, Rotherham, Yorks, who died on July 18, left £3,723, with net personalty £2,549.

MR. FREDERICK STURTON, Ph.C., 56 Park Road, Peterborough, a director of Sturton & Sons, Ltd., chemists, who died on October 27, 1941, left £4,180, with net personalty £3,758.

MR. HERBERT KINGSLEY DUCKWORTH, M.P.S., The Gables, Grange-over-Sands, Lancs, a member of Grange Urban District Council from 1918–36, who died on May 27, left £6,417, with net personalty £1,317.

TRADE NOTES

Ouabaine Intended.—Wilcox, Jozeau & Co., Ltd., 74 White Lion Street, London, N.1, write to point out that a reference in their announcement in last week's issue of the *C. & D.* should have been to Ouabaine tablets, 5-mgm., and not as printed.

Reduced Tablet Stocks.—International Chemical Co., Ltd., Braydon Road, London, N.16, state that Government contracts have inevitably reduced the production of Bisurated magnesia tablets. Stocks of Bisurated magnesia powder are adequate.

In Production Again.—F. Hurtley & Co., Keighley, Yorks, have reorganised after a fire at their premises recently, and are in production again with Litesome supporter belts. Supplies are restricted but a window transfer is available to chemists who apply direct to the makers.

Chemical Firm's Broadcasts.—Monsanto Chemicals, Ltd., recently broadcast from their Ruabon works a short programme in the B.B.C.'s "Bridge Builders'" series, which features interchange programmes between British and American industries. The Monsanto choir will be on the air in the Home Service Welsh programme at 5.15 p.m. on October 16.

Veterinary Remedy.—Pond's Extract Co., Ltd., 24 Bruton Street, London, W.1, draw the attention of chemists who have a veterinary connexion to Pond's Extract veterinary remedy, which is put up in two sizes at the following prices: One-pint, 18s. doz., purchase tax 3s. doz.; inclusive retail price 2s. 3d.; one-quart, 32s. doz., tax 5s. 4d. doz., inclusive retail price 4s. These details should be inserted in the *C. & D.* Price List of Veterinary Proprietaries (see *C. & D.*, October 9, pp. 372–74).

Proprietary Articles Trade Association

Additions to Protected List.—*Continental Laboratories, Ltd.* Codoforme Botol, new size, 250 tablets, 270s. doz., tax 43s. 4d. doz., inclusive retail price 33s. 8d. Former size, retailing at 15s. 2d. inclusive, withdrawn.

4711 *Eau de Cologne* (*R. J. Reuter Co., Ltd.*). No. 6301, Ascot talcum, 15s. doz., tax 14s. 7½d. doz., i.r.p. 2s. 11d.

McKesson & Robbins, Ltd. A new pack of Calox tooth-powder replaces the former size, retailing at 1s. 3d. inclusive: Slide lid, 6s. doz., tax 2s. doz., i.r.p. 11d.

Macleans, Ltd. Macleans' shaving cream, 8s. doz., tax 2s. 8d. doz., i.r.p. 1s. 3d.

Money's Chemical Co. Noda cream (new size), 9s. doz., tax 3s. doz., i.r.p. 1s. 4d.

Peat Products (*Sphagnol*), *Ltd.* Sphagnol ointment, 10 per cent, new size, 3-oz. tin, 18s. doz., tax 3s. doz., i.r.p. 2s. 6d. Note: 1½-oz size tin, retailing at 1s. 8d. inclusive, will b withdrawn when present stocks are exhauste

Louis Philippe, Ltd. (Agents: *J. C. Gambl & Co., Ltd.*). Angelus face-powder, 36s. doz tax 36s. doz., i.r.p. 7s. 6d.

Riddell Products, Ltd. Special rubber bull for inhaler (guaranteed not to split), 43s. 2 doz., exempt from tax.

Alterations.—*Albion Soap Co., Ltd.* Albio milk and sulphur soap. Prices are now quoted on p. 59 of P.A.T.A. Year Book, 1943

Belle Isle Laboratories, Ltd. Five per cen discount to retailers on orders of £2 and upwar withdrawn.

A. H. Cox & Co., Ltd. Salvarone. Speci price of 11s. 6d. doz. to retailers for gross lo withdrawn.

4711 *Eau de Cologne* (*R. J. Reuter Co., Ltd.* No. 8859/12, toilet soap, 6s. 6¾d. doz., ta 2s. 2d. doz., i.r.p. 11d.

Genatosan, Ltd. Bonus of thirteen to do to retailers on £3 orders including Genaspri Genozo, Calogen, Cogene, Cystopurin, Calsprat and Nasmint, withdrawn.

Hobson, Trimble & Co., Ltd. Hobson's Choi strapping plaister now exempt from purcha tax. Prices: 1½d., 1s. 1½d. doz., three doz 3s. 4½d.; six doz., 6s. 6d.; twelve doz., 12s.

Icilma Co., Ltd. Prices in Eire: Foundatio vanishing-cream, 7s. 3d. doz.; wet and d shampoos, 6d.; 4s. doz.; beautifying fac powder, 9d., 7s. 3d. doz. Subject to usu display terms of 10 per cent. on parcels valu 30s. gross.

J. G. Ingram & Son, Ltd. Omega breas reliever, 3s. 9d., 32s. doz.

Jests, Ltd. (c/o *Ex-Lax, Ltd.*). Manufacture have withdrawn six-doz. bonus parcel valu 27s., on which retailers received bonus of o doz. free. Combined bonus parcels consisti of Jests and Ex-Lax also discontinued. Thre doz. bonus parcel of Jests, on which retaile receive ¼ doz. free, remains in operation.

Musterole Fine Products Co., Ltd. Bonus thirteen to doz. to retailers on minimu one-doz. lot. Magnesia Oil, discontinued.

Riddell Products, Ltd. Corrections: Jerrof (for asthma). Purchase tax chargeable is 20 doz., i.r.p. 14s. 9d. Prices of Rheumas ointment also apply to Rheumasan liquid.

A. F. Sherley & Co., Ltd. Sherley's inse powder, now issued in one size only: 6d 4s. 6d. doz., exempt from tax.

Business Changes

Mr. T. H. Dolman, M.P.S., F.S.M.C has taken over the business of the la Mr. T. E. Wilmshurst, M.P.S., 10 Linkfie Corner, Redhill, Surrey.

Mr. Richard Clitherow, M.P.S., has a plied to the North-western Price Regulatio Committee for a licence to open a reta business of chemist and druggist at 7 Chil wall Valley Road, Liverpool, 16.

BY-LAWS TO INCREASE PHARMACISTS' FEES

A Statement by the President of the Pharmaceutical Society

HE following statement has been issued y the president of the Society.

The Council has recently received from e Finance Committee a report surveying osely the Society's financial position in lation to future policy. The report amines both the war-time and the post-ar situation. During the war, the Council s been able to keep expenditure within a lling income by the most stringent econnies, but it has not been able to put by y substantial savings. A study of the counts for 1942 (*C. & D.*, May 15, p. 499) dicates how closely expenditure has been t to income. Before the war it had aimed saving about £20,000 annually towards e cost of the new building and to provide serves. No such sum can, however, be hieved by any method in present circumances. The Society will therefore find self after the war without the reserves it med to have. It is in this condition that will be faced with the problem of meeting its new headquarters and of meeting e demands of post-war developments. he completion of the new building is sential if the activities of the Society are be carried on with any sort of efficiency. t present the Council, the office staff, and e school carry on their activities under ave handicaps, and there is no proper commodation for members or for meetings pharmaceutical bodies. Also, if say a ird or more of the building can be let, a bstantial contribution will be made to lieving the charges on membership fees.

ost-war Developments

The post-war period will provide opportunities for substantial developments in harmacy. The Society must be prepared make the fullest use of the coming of a ational medical service to establish firmly e position of the pharmacist. A vigorous ublic-relations policy must be initiated, which end a public-relations service is eing developed at the present time. The evelopment of parliamentary relations and presentation must be secured. Relations ith allied professions, with the Ministries d with local authorities must be developed rough scientific publications, scientific mmittees and advice on the utilisation of harmacists in the public health services. he public must be made to understand hat are the services the pharmacist can d does offer, and how they can be enlarged. Vigorous campaigns against developments which are inimical to the growth of pharmacy as a professional community must be undertaken. Arrangements for a comprehensive system of post-graduate courses widely available through the country must be set on foot, at least experimentally, and to be continued as they are shown to fill a need. The "Pharmaceutical Journal" must be expanded and developed. Pharmaceutical education and research must be encouraged, not only in London but through the provincial schools. In a sentence, the Society must be ready to draw together the progressive forces within its membership and to provide the means for pharmacy to seize the opportunities which will be presented after the war. Such a programme, no less than the completion of the building, must be backed by financial resources. The Council consider that it is prudent to plan for those resources now and not to wait until the Society is immersed in the problems of post-war reconstruction. They have therefore adopted a proposal, strongly urged by the Finance Committee, that steps should be taken to increase the regular income of the Society by some £20 000 a year.

Full Statutory Fees

The main source available is the fees payable by members for their personal registration and by authorised sellers of poisons for the registration of their premises. The Council has not hitherto asked for the full statutory amounts under either head, which are £2 for membership and £3 for the premises fee. They feel now, however, that these new commitments and opportunities, considered in relation to the general economic situation, call for the increase of these fees by 8s. 6d. in the case of the membership fee, and £1 1s. in the case of the premises fee at an early date. They therefore propose to prepare by-laws providing for these increases, and to submit them for approval by the Privy Council in order that they may come into effect for the year 1945 and subsequently. They believe that their proposals fairly spread the contribution over the various sections of pharmacy. They believe further that they will be welcomed by those who desire to see pharmacy mobilise its resources fully for the struggles and the opportunities which lie in the immediate future.

PHARMACEUTICAL SOCIETY OF GREAT BRITAI

A MEETING of the Council of the Pharmaceutical Society of Great Britain was held at Derby on October 5 and 6, the president (Mr. W. S. Howells) in the chair. All members of the Council were present except the following, from whom apologies for absence had been received: Sir Walter Langdon-Brown, Professor W. J. Dilling and Mr. B. A. Williams.

Tuesday's Session

THE PRESIDENT reported that he had received a letter from Mr. Wallis resigning from membership of the Council on account of his continued ill-health. The president continued: "Under the circumstances I expect the Council will regretfully accept Mr. Wallis' resignation and I would like therefore to move:—

> "That the Council record with great regret the retirement of Hugh William Wallis from membership of the Council of the Society. Mr. Wallis joined the Council in 1937 and was treasurer of the Society from 1939 to 1943. The qualities he displayed in the work of the Council, and in particular his efficient handling of the financial affairs of the Society, led the Council to hope that the Society would continue to have the benefit of his services for many years to come. His inability on the ground of ill-health to continue the duties of treasurer was deeply deplored by the Council and by his retirement the Council have lost a colleague whose genial personality and direct and businesslike approach to problems will be greatly missed."

THE VICE-PRESIDENT, in seconding the motion, said he did so very regretfully. He spent a day with Mr. Wallis about six weeks ago and was struck by the fact that, while physically he was very far from fit, he was still showing the keenest interest in general affairs and the work of the Society. Mr. Wallis had wished to be kindly remembered to all his colleagues on the Council.

Letters were received from: (*a*) the British Dental Association regarding future arrangements for the manufacture and distribution of tooth-brushes; (*b*) the Guild of Public Pharmacists protesting against a suggestion from the Ministry of Health that the use of the services of a dispenser having the Apothecaries' Hall qualification might be considered as a war-time measure, and that it should be possible for the Central Pharmaceutical War Committee to introduce, through its approved agency, a woman dispenser with this qualification; the letter was referred to the Central Pharmaceutical War Committee; (*c*) the National Pharmaceutical Employees' Uni dated August 9, calling attention to resolution passed at a meeting of the Un of August 8, at which it had been deci that the organisation and extension of National Pharmaceutical Employees' Un should be proceeded with; (*d*) a mem calling attention to the practice of dis buting free samples of medicinal product cartons with other medicinal products: Council decided to thank the member calling their attention to this instan which they would take up with the M stries of Health and Supply; (*e*) the Minis of Supply enclosing a copy of the Contro Talc and Pyrophyllite Order, 1943, asking for the views of the Society on use of Scottish in place of imported t THE SECRETARY reported that from quiries he had made it was clear that only objection to the use of Scottish was that it was grey in colour, but that use would have no detrimental effect; pharmaceutical properties were the same those of imported talc, and it was deci to inform the Ministry accordingly; (*f*) Chesterfield Branch forwarding a resolut expressing the view that the remunerat for N.H.I. dispensing was inadequate, that the price of ingredients should be ba on N.P.U. prices and not on cost prices. was decided to reply to the Chesterf Branch, making it clear that in any propo for a national pharmaceutical service neit the N.P.U. nor the Society were commit in any way to any recommendation rega ing fees; they agreed with the Branch t the present remuneration was inadequat

Mr. T. Heseltine was appointed a meml Central Pharmaceutical War Committee

Pharmaceutical Society of China

The Council received a request from Pharmaceutical Society of China for h in establishing itself at its new headquart at Chungking. It was agreed to s copies of the Society's scientific publicati at once, and to consider at the n meeting a list of additional scientific bo which might be purchased. It was a decided to ask for further details.

Arrangements for Future Council Meeti

The Council decided to hold fut meetings in London, commencing with next meeting.

Council Election

Consideration was given to the arran ments for the election of members of Cou

944, and it was decided to approach the y Council for a direction under the rtered and Other Bodies (Temporary visions) Acts, 1939 and 1941, for a ification of the procedure laid down in by-laws to enable members of the ety serving in H.M. Forces to vote.

ease in Retention Fees

he Council read a first time a by-law viding for the increase in the fee payable nembers for their personal and premises stration (*see* p. 383).

reply was received from the Ministry Health to the Society's letter calling ntion to the undesirability of the marng of a particular new proprietary edy, and it was decided to write to the istry of Health further on the subject.

Wednesday's Proceedings

uary

HE PRESIDENT referred to the deaths Mr. Henry Llewellyn Smith, who had professor of chemistry in the Society's ol from 1914 to 1918; and Mr. Frederick all Bilson, who had been a member of ncil from 1911–32, treasurer of the ety from 1918–25, vice-president in –26, and president in 1926–27.

espondence

letter was received from the Privy ncil enclosing an Order approving the ointment of Dr. Alexander Nelson as ial Examiner to the Board of Exams for Scotland for the remainder of a ve month's period.

he Council received a letter from mem of the Society in Keswick expressing view that any future pharmaceutical ice should be based upon all pharma and that any proposals for a State ical service eliminating pharmacies ld be opposed.

isters

he Registrar reported that 123 persons been registered as apprentices or ents since the previous meeting. The resses of fifty-two sets of premises oved from the Register of Premises ng the current year were restored. The es of twenty persons removed from the ister in previous years, and of 104 ons removed during the current year e restored. The addresses of 222 sets of nises, registered under Section 12 of the rmacy and Poisons Act, 1933, as nded by Section 1 of the Pharmacy and Medicines Act, 1941, removed from the Register during the current year, were restored. Diplomas of Pharmaceutical Chemist were granted to forty-three pharmacists.

Question on Sulphonamides

MR. A. A. MELDRUM asked whether it was legal for chemists to sell sulphonamides without prescription to farmers for the treatment of their cattle. THE PRESIDENT stated in reply that a Fourth Schedule poison might be sold without prescription to a person who required it for the purpose of his trade or business; thus any chemist might sell sulphonamides to a farmer who required them for the treatment of cattle, subject only to the procedure for the supply of First Schedule poisons being observed.

Committees' Reports

A letter was received from the War Office concerning the memorandum on pharmacy in the Army, submitted to the War Office in 1942. It was clear from this letter that no further progress could be made in the matter at this stage by direct contact with the War Office. It was decided that other steps should be taken to secure the adoption of the proposals in the memorandum. A report was received as to the present position of negotiations with the Admiralty regarding an improvement of pharmaceutical conditions in the Navy. A report was made upon the present stage of discussions with the Ministry of Health concerning the part which pharmacists could play in health propaganda.

A request from New Zealand for a gift of books for the library of the College of Pharmacy now being founded in New Zealand was received, and it was agreed to ask the secretary to compile a list of books and to report to the next meeting of the Committee.

The Law Committee, under the chairmanship of Sir Malcolm Delevingne, received the Registrar's report, showing that since the last Council meeting the following shops had been visited by the inspectors and agents: Authorised sellers, 1,333; listed sellers, 124; drug-stores, grocers and similar traders, 988. Twenty-three cases of alleged infringements were considered and appropriate action was taken. The Committee further considered, in the light of a recent judicial decision, the effect of Section 9 of the Pharmacy and Medicines Act, 1941, on the sale of so-called "female pills." The question was deliberated whether a label of any preparation specially designated for

the particular use of the female sex contravened the Section when any of the ingredients disclosed is reputed to have abortifacient properties. It was agreed that consideration of the matter be taken further on the submission to the Committee of suitable cases, the decision in which might clarify the legal position.

The numbers of candidates who entered for the respective Scholarships competitions were stated to be: Jacob Bell, 18; Leverhulme, 18; Manchester, 7; Devon and Cornwall, 1; Nottingham, 10.

It was recommended that the syllabus for the Diploma in Biochemical Analysis should be amended to provide for the inclusion of the determination of sulphonamides in blood and urine and the examination of urine for vitamin C.

Seventeen applications for grants were considered; grants were made in fifteen cases; two cases were deferred. An aged member of the Society was appointed to receive the Waterall Annuity which had fallen vacant. Three applications for waiver of retention fees were granted.

In view of the likelihood of there being several matters of national importance to discuss at the next Branch Representatives' meeting, the Committee decided to adopt the procedure followed last year and not to invite the branches to submit motions.

Suggested Action Against Rats

At the end of the ordinary business, Mr. Knox Mawer said that, though he might be a voice crying in the wilderness, he wished to raise the question of the restrictions on the use of strychnine for the destruction of rats, a question which was closely related to the country's food position. The substitute destructor which it was proposed to use would not, in his opinion, prove successful. He knew from personal information that in Liverpool, for instance, the turn-round of ships was so rapid that no proper measures against rats could be taken in them, and up and down the country there were already epidemics of jaundice, caused by rat infection. If unchecked, this menace might cause as many deaths as the influenza epidemic of 1918. Could the Council do anything to help in the fight against the rats? Could they, perhaps, institute research in the Society's laboratories to find an effective vermin destructor? It had to be realised that almost every field in the country was now a feeding-centre for rats. In his own town he had had consultations with the sanitary inspector, who had said he was losing ground. The new arsenical comp was unsuccessful because the rats woul take it, and other new remedies had failed.

The President congratulated Mr. Mawer on his persistence and pertinaci this important matter. He suggested Mr. Knox Mawer should prepare a memorandum on experience in his area particularly on the case for the us strychnine for rat destruction. This be submitted to the Law Committee, possibly forwarded to the Ministries of and Agriculture.

Mr. Davis pointed out that a sp effort was about to be made in the cou to eradicate the rat menace.

Mr. Knox Mawer said that he wou glad to comply with the president's su tion, and was anxious that any a should have the backing of the Council.

Sir Malcolm Delevingne said that a memorandum should be supplemente the experience of other members of Council, as a case could not be based single area. He also felt that a scientific committee than the Law mittee should deal with the matter. Ans ing Mr. Deacon, Sir Malcolm Delevi said that the point at issue was wh the restrictions on the sale of stryc for rat destruction should be removed. National Farmers' Union and the Agricultural Committees might be consu

The Secretary said that, in the vie the National Farmers' Union, the u strychnine for this purpose was unneces that opinion was based on other consi tions than the destruction of rats alon

Mr. Maplethorpe said he did not the use of strychnine, which was fu dangers, but the rat problem had t tackled. In Hertfordshire the rats increasing instead of decreasing. Red s was an effective remedy, and was urg wanted for internal work, but hardly was available.

Mr. McNeal said that farmers i area invited boys to bring their do catch the rats that infested the stacks they felt that to have only a "Rat W was a mistake. A "Rat Month" woul better, but the fight should go on al year round.

With regard to the Society's laborat the Secretary pointed out that investigation of the kind suggested w occupy two or three workers and ent planned piece of research work.

Mr. Hirst saw no reason why red s should not be obtained from Malta.

ANNUAL REPORT ON FACTORIES

annual report of the Chief Inspector of tories was published on October 7. rding to the report, the outstanding re of the year 1942 was the increased rtance of women's work in factories own, so far as this Department was erned, by: (*a*) An increase in the ber of accidents to women; and n increase of accidents in the munitions stry, formerly mainly exclusive to ned and experienced male workers.

strial Health

chapter by Dr. Merewether (Senior ical Inspector of Factories) records that strial health remains satisfactory, gh it is necessary to give a note of ing of what may happen in the coming er. The chapter deals with extension edical supervision and nursing services, the good work done by the Medical artment of the Ministry of Supply in control of dermatitis. Sickness records inadequate to illuminate minor ail- ts, but personal impressions suggested septic conditions, such as boils, and affection known as "trench mouth," increasing. This suggested a lowering ssue resistance, due to several causes g solely or jointly. Undue and cumula- physical fatigue, due solely to hours conditions of work, was not generally leterious factor in the healthy adult r present conditions, but there was a to the secondary jobs which should be n on in addition, however willingly pted.

e chapter also deals with the work of nspectors in the supervision and use of -active substances and of *x*-rays; the ng-up of advisory committees on der- tis and of a committee on silicosis ngst workers. Statistics are given of strial diseases for the year. Among e mention is made of a case of mer- l poisoning due to phenyl mercuric ite. Six cases of arsenical poisoning traced to arsenical sheep dip, white ic and arsenious oxide used in manu- ring processes. Aniline poisoning cases eased from 249 in 1941 to 204 in 1942. case of chronic benzene poisoning d fatally. Three cases of anthrax rred in dockers handling hides or hair. A reduction occurred in the ied cases of epitheliomatous ulceration, y-five out of 113 of which were due tch and tar and twenty-eight (six fatal) ineral oil. A fatal case of poisoning by sulphuretted hydrogen occurred at a chemical works. The medical officer concluded his report with the hope that conditions would soon permit of general publication of more detailed descriptions of occupational conditions influencing health, and of specific cases of poisoning and disease which might point to profitable lines of research.

Heating and Ventilation

The Fuel Economy Campaign has not had a serious effect on the heating of factories. On the contrary it has, in fact, led to real economies without reductions in working temperatures. Despite this, "the usual crop of low temperatures were found during cold spells"; for example, in the Midlands, temperatures of 42°, 46° and 50° F. where work was generally seated, and of 28°, 44° and 47° F. where the work was a little more active, had been found. In spite of war restrictions it was good to note advances in air conditioning: after air conditioning had been introduced into a certain permanently blacked-out factory figures were obtained that pointed to a reduction of about 30 per cent. in sickness rates for corresponding periods in April and December. Practical errors found still led to the conclusion that ventilation was a subject not sufficiently studied by works executives. In one factory a barrier of small fans had been erected along a factory roof, and alternate fans were arranged to blow in and extract, thus causing a bad short circuit between each pair of fans.

Ventilation has been improved, but the problems are not yet all solved in dispersed factories not built for the purpose (including particularly night shifts) for which they are now used, and often having badly designed black-out arrangements. Mistakes are also being made in larger factories because the best advice is not obtained.

Lighting

Improvement is now difficult owing to the scarcity of material and labour, but something can still be done, states the report; by brightening up walls, ceilings and even machines and by cleaning fittings. Further extensive improvements in industrial lighting had taken place during the year, spreading to the smaller factories. Despite difficulties of materials, labour and supplies, numerous excellent new installations had been reported, including many in which use was made of fluorescent tubular lighting.

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fact that goods made of raw materials hort supply owing to war conditions are rtised in this paper or described in its orial columns should not be taken as an cation that they are necessarily available xport.

Controls after the War

ETHER restrictions on industry imposed ng the war should be retained after-ds has been discussed by several minent speakers recently. At Man-ter on September 29, in his presidential ress at the annual conference at the ional Chamber of Trade, Mr. Leonard said that whilst traders tolerated time limitations on their freedom, and oved their continuance during the sition period from war to peace, to larise supplies, they would agitate to re the gradual easement of all controls uickly as possible, and to abolish them oon as the law of supply and demand n again to operate freely. In his view much nonsense" was talked and ten about the squeezing-out of the alled small trader. Sir Walter Womers-(Minister of Pensions), at the same erence, said: "Some people think we drifting towards nationalisation of this that. But my view is that, although people of the country have to endure ictions and control now, they are so and tired of them that they will want a cleared away as rapidly as possible the war. I think the people will revolt against anything that increases control of individual effort, but do not let us be in too big a hurry to remove all restrictions."

A Resolution

Following a discussion on the question the Chamber passed the following resolution:—

"That this Chamber, having sought the views of its constituent organisations and members throughout the country, now assembled in Autumn conference, do urge the Government now to declare its policy on the question of licensing of the retail distributive trades following the cessation of hostilities. That this Chamber is opposed to a permanent system of licensing for the retail distributive trades, that following a cessation of hostilities there shall be a system of licensing to be continued for a limited period. That traders who are included in the Withdrawing Traders' Register and those whose names are not so included but who can qualify for inclusion, shall be allowed to resume as a right if they so wish in the following order of priority businesses which they have been compelled to leave as a consequence of the war:

"(*a*) Traders who have been on service in H.M. Forces and those who had been transferred to other work of national importance.

"(*b*) Traders whose businesses were lost by premises being rendered untenable from enemy action.

"(*c*) Traders whose withdrawal from business had been caused by the requisition of their premises or the call-up of staff.

"(*d*) Traders who closed through the shortage of supplies.

"That the present administrative system of issuing licences should be reviewed and amended and further that local committees should be set up to advise the issuing authority in all cases, and that the Chamber be invited to take part in discussions with the appropriate department in its review of the existing Order."

A Ministerial View

At Dundee, on October 3, Mr. Herbert Morrison (Home Secretary) said it would be necessary to continue some form of Government control after the war, and that taxes and savings would have to remain well above pre-war normal. "During the war we have learnt to cope with many difficult problems by a system of control and an organisation which puts the whole resources of the community at the service of the national effort," said he. "What we need to understand is that if we are to

avoid social and economic catastrophe after the war we shall have to continue this system of control, subject maybe to suitable and sensible modifications, for as long as abnormal conditions persist."

Menthol Trade Doubts

THE purpose behind the issue of the Natural Menthol (Maximum Prices) Order (*C. & D.*, September 25, p. 303) was presumably to stop speculation in this product and to ensure that supplies of a scarce commodity would be available to users at a reasonable price. The Order, although somewhat tardy in appearance, looked as though it might reasonably be expected to fulfil these requirements and, at first, it was generally well received by the trade. Some doubt, however, has now been expressed as to the applicability of the Order to all possible bulk holders of menthol. The Order describes the three classes of traders to which the maximum prices apply as (1) licensed importers; (2) brokers; and (3) wholesalers, and it may be supp that persons outside these classes are affected by the Order. If this suppos is correct, an importer of menthol find himself with two separate set supplies, the first imported freely therefore uncontrolled, and the se imported under licence and ther controlled. The position with regar brokers and wholesalers appears to be c but the Order says nothing whatever a private individuals or firms outside regular trade who may have purch menthol purely as a speculation, an has been suggested, the prices at w they may sell need not necessarily con to the provisions of the Order, provided comply with the regulations covering sale of price-controlled goods. No d the position regarding the sale of mer will become clarified in due course. In meantime little or no business appear have been done at the new rates, alth there is no lack of buyers.

TRADE MARKS

(*From "The Trade Marks Journal," September* 15)

"SANOTAMP"; for tampons, being menstruation appliances (5). By Drugs, Ltd., 145 Sydney Road, Muswell Hill, London, N.10. 623,623.

"RESPANA"; for pharmaceutical preparations for treatment of congestive disorders (5). By Reckitt & Colman, Ltd., Dansom Lane, Hull. 623,702.

APPLICATION AMENDMENT

According to "The Trade Marks Journal," September 15, 1943, specification No. 618,604 by Gladys Niman has been altered so as to read "Medicated ointments for human use."

ADDITION TO OR ALTERATION OF REGISTERED TRADE MARKS

According to "The Trade Marks Journal," September 15, Trade Marks Nos. 506,802–03 for "SANACINE COUGH MIXTURE" by Phosferine (Ashton & Parsons), Ltd., have been added to or altered to the forms represented therein.

REGISTERED USERS OF REGISTERED TRADE MARKS

Specification No. 619,519 for shaving soap in tablet, stick, powder and cream form; tooth powder and paste; talc toilet powder and brushless shaving cream, all for sale in the United Kingdom and for export to Eire, Aden, Arabia, Cyprus, Estonia, Egypt, Gibraltar, Latvia, Malta, Mauritius, P tine and Syria, by Colgate-Palmolive- Ltd., 52 Grosvenor Gardens, London, S.

(*From "The Trade Marks Journal," September* 22, 1943)

"SODINOC," and "CUDINOC"; for agricul chemicals, other than weed killers, ins cides and fungicides, and for manures By Sir Thomas and Arthur Wardle, Churnet Works, Macclesfield Road, Staffs. 623,581–82 (Associated).

"DULVANA"; for artificial sweetening stances, chemicals used in industry, sc and photography and for chemical preservatives (1). By Koray, Ltd., Gamage Building, Holborn, London, E 623,944 (Associated).

"ANNDELANDA" over heraldic design (le "J" and "I" disclaimed); for cosmetic By J. Isdell, 97 High Street, Esher, Su 618,334.

"POLO" under device of polo player; for t powder boxes (3). By B. Pearlman & Ltd., 9–13 Redchurch Street, London, 622,028 (Associated).

"SYKETTE"; for soaps, perfumery, esse oils, toilet preparations (not medica cosmetic preparations (not being t preparations), but not including dentif (3). By T. Wood & Son (Cleckheaton), Syke Works, Greenside, Cleckheaton, Y 623,353.

"JIZER"; for soap powders (3). By Silkwear Protection, Ltd., Forfar W Spencer Road, Belper, Derbyshire. 623,

GROWING BELLADONNA AT GUY'S HOSPITAL

A SMALL, but valuable, crop of *Atropa Belladonna* was recently harvested at Guy's Hospital, London. The yield is expected to be about 20 lb. of dried leaf (sufficient for the hospital's requirements for over a year), a preliminary assay indicating an alkaloidal content of 0·45 per cent. Planting, cultivation, etc., were carried out by members of the dispensary staff. The soil was poor, but no trouble in cultivation was experienced apart from an early attack of leaf miner.

: Nurses at Guy's Hospital ne belladonna grown in the tal grounds.

Mr. J. Moore, Ph.C., chief macist, makes an assay.

RECENT RESEARCH

on-inflammable Anæsthetic Mixtures.—k done in the U.S. Bureau of Mines ining Journal," September 11) has aled that the addition of helium to ain anæsthetic mixtures renders them inflammable and prevents explosions. rating-room explosions and fires, though numerous, are a real danger, as all ous anæsthetics of the hydrocarbon form explosive mixtures when blended air, oxygen, or nitrous oxide in certain portions. Use of helium to reduce the gen content of cyclopropane-oxygen-um and cyclopropane-ether-oxygen-um mixtures to the point where mix-s are outside the inflammability range reduces the density of anæsthetic tures, rendering them much easier for patient to breathe. The resistance of um to chemical change, non-reactivity other substances, and low solubility vater and body fluids enable it to be thed by patients with a minimum siological effect on the body; its high luctive power is of advantage.

Canned Morphine Solutions.—In view of their use as emergency means of administration, Christiansen and Jurist ("Journal of the American Pharmaceutical Association," XXXII, 8, 43) examined the action on tin containers of morphine solutions. Morphine sulphate was selected, and it was soon found that, in spite of initial brilliant clarity and thoroughly clean surfaces of the tin, a milkiness soon resulted in the solution. The solutions, when clarified and assayed for morphine, showed no loss of potency, but chemical tests showed that the material responsible for the milkiness contained tin, indicating that the solution had corroded the tin surface. To correct this, the solution might be adjusted to be less corrosive toward tin, or a salt other than the sulphate might be employed. Both devices were explored. Morphine sulphate solutions reduced to lower acidities still caused corrosion, at the same time introducing another difficulty, discoloration. Good results were, however, obtained by employing organic salts, especially tartrate.

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

THE eighteenth annual meeting of the Pharmaceutical Society of Northern Ireland was held at the Society's headquarters, 73 University Street, Belfast, on October 4. The following were in attendance: Messrs. H. F. Moore, Ph.C. (president); J. T. Nicholl (vice-president); Charles Abernethy (treasurer); W. C. Tate, James McDowell, James Donaghy, J. A. McRoberts, S. McLaughlin, J. McClenahan, J. McGregor, M. Henderson, A. Steed, J. R. Guiler, R. P. Small, H. H. Cowzer, E. Crawford, F. Storey, P. R. W. Shinner, and the secretary (Mr. D. L. Kirkpatrick). Apologies were received from Messrs. J. H. Haslett, James Irwin, G. M. Shaw, J. W. Gray, J.P., W. J. Gracey, W. R. Stinson and R. A. McEwen.

Council Election

Messrs. Charles Abernethy, James Donaghy, Samuel Henry Forrest and John Trevor Nicholl were returned unopposed as members of the Pharmaceutical Council; and Mr. John Francis Grimes, as Druggist representative, was also returned unopposed. MR. F. STOREY proposed the name of Mr. James Browne, druggist, 381 Woodstock Road, Belfast, for election to the Council, but after some discussion, in which Messrs. James Donaghy, J. McClenahan and James McDowell took part, THE PRESIDENT ruled the motion out of order, as Regulation 43, which required notice in writing of the name of a candidate fourteen days prior to the annual meeting, had not been complied with. The president also maintained that there was no vacancy, as the vacancy had occurred the previous year, and the appointment should have been made at that time. With this opinion members of the Council present agreed. The president congratulated members on their unopposed return, and MR. J. T. NICHOLL returned thanks on behalf of the candidates.

President's Review of the Year

In a lengthy review of the work of the Society during the year MR. MOORE referred to the losses by death of Messrs. T. Bayne, Edinburgh; F. W. Doods, Crumlin; S. J. Hudson, Belfast; W. E. Stevenson, Belfast; and Joseph A. Walsh, Belfast. During the year the Council had held eleven meetings, and there had also been four meetings of the Education Committee and eleven of the Finance Committee, all of which were well attended. The president pointed out that three of the original members of Council nominated by the Governmen 1925 were still in office: Dr. S. E. Acheson; Mr. Edgar Connor, J.P.; Sir Thomas McMullan, D.L. Business co tions were still most difficult, owing to many restrictions and controls on var preparations and drugs. With so m members of their staffs on active ser manufacturing chemists and wholesale houses in Great Britain surely dese thanks for their efforts in keeping Nort Ireland pharmacies supplied with t specialities, both medical and surgical.

One pharmaceutical chemist (Mr. Ber Joseph Devlin) obtained the degree of F in Pharmaceutics at the examination at Queen's University in June 1943.

At the invitation of the Ministry Home Affairs a Committee represen the Pharmaceutical Society, the U Chemists' Association and the Chem and Druggists' Society of Ireland had mitted proposals for a new Pharm Legislation Act (1941), together with posed amendments to existing legisla in Northern Ireland. During the yea (the president) had paid several visit Stormont, where he had interviewed se officers of the Ministry. Their pharm inspector (Mr. N. Patterson) was present, and various matters and difficu with regard to pharmaceutical legisla had been discussed. He was sorry he not able to say anything definite on matter, but had received the impres that the men in charge of pharmacy af were deeply interested in any proposa the betterment of the craft in Nort Ireland.

He thanked his colleagues on the Co for their loyal support, and especially vice-president for his invaluable co-op tion, and the secretary (Mr. D. L. Kirkpatr for his ready help on all occasions. He wished to take this opportunity of exp ing a word of praise to the president executive committee of the Ulster Chem Association for their unfailing devotio chemists' interests, and for their great w in keeping pharmacists up to date with p changes, and their untiring labours settling the business difficulties and intri problems which are outside the jurisdic of the Pharmaceutical Society.

Treasurer's Report

The report of the Society's TREASU (Mr. Charles Abernethy) showed the finan

of the Society's work to be in a healthy e, and on the motion of THE TREA-ER, seconded by MR. H. H. COWZER, statement of accounts was adopted.

nks to President

R. FRED STOREY congratulated the ident on his fine speech, and wished e had been more members present to it. He also thought that an effort ld be made to get more members for Society, and that they should be ing ahead as regards the Beveridge me and how it would affect their craft. Society should be alive to preserve r position as pharmacists. The speaker also of opinion that a notice should be rted in the trade journals in the month September reminding members of the tions at the annual meeting.

R. P. R. W. SHINNER endorsed what Mr. ey had said about the president's ch, and thanked Mr. Moore for his and flattering reference to the work e Ulster Chemists' Association.

R. A. STEED asked the president if it ld be possible to arrange a refresher se for pharmacists who had qualified e years ago and who might be a bit y on present-day drugs. In reply, MR. . NICHOLL said this matter had already in the minds of the Council, and that rs. Alexander and Young, of the icipal College of Technology, had been oached and had promised their help.

R. R. P. SMALL thanked the president the welcome extended to the younger bers of the profession present, but was he opinion that something should be e to make the annual meeting more active to members of the craft. MR. RE agreed with this speaker, but did see how this was to be done.

R. J. R. GUILER threw out the sugges- that members of the Society should go tormont and tell them what they wanted atters of pharmacy instead of waiting Stormont to come to them.

Examiners' Report

he report of the examiners on the ety's June examinations, as presented recent Council meeting, included the wing remarks:—

PRELIMINARY SCIENTIFIC

venty-three per cent. of candidates passed. majority were of about average standard, a few very good papers were done in theory. ect answers to the calculations were given ry few cases, and the working could have somewhat shortened.

Chemistry: Correct answers to calculations were given in very few cases. . . . The quantitative part of the practical work was generally well done and some improvement on the qualitative side was noticed.—(*C. J. Still.*)

Botany: Standard reached was fairly good average, but there were no really outstanding candidates.—(*M. J. Lynn.*)

Physics: Answers were clearly expressed and well arranged, and the diagrams given were, on the whole, good. An exception . . . must be made in the case of the answers to the question on optical instruments: here many candidates showed rays of light undergoing abrupt changes in direction in air at intermediate images . . . theory has been adequately covered and well taught. The practical work was somewhat less good . . . and a number of candidates admitted that they were performing for the first time simple experiments which they had been given facilities to do previously in their course, and which formed a normal part of these courses.—(*K. G. Emeleus.*)

FINAL QUALIFYING EXAMINATION

Chemistry: Several very good papers in theory were handed in, and, on the whole, the standard was fairly good. The qualitative practical work was not so well done. A considerable number failed to recognise the tartrate or citrate given for identification.—(*C. J. Still.*)

Pharmacy: A very general mediocrity marked this part of the examination. A question was set on that part of the syllabus dealing with human physiology. Not only was the question optional, but the candidate had a choice of two subjects on which to write. A small number of candidates attempted this question, but, of these, three returned very good answers. It is my intention in any future examinations of the Society which I may conduct to continue to include a question on physiology within the limits of the syllabus, and I suggest that in time this question should be included in the compulsory questions.

This would in some small way make the examination more in line with the reciprocal examination of the Pharmaceutical Society of Great Britain. If the Council of the Pharmaceutical Society of Northern Ireland is contemplating a revision of its examination syllabuses, but decides that it is not expedient, under present circumstances, to undertake the revision of all the syllabuses, it could with profit proceed with a revision of the syllabuses in the subject of pharmacy.

An improvement in dispensing was noted, and there were fewer mistakes in calculations. . . . —(*D. McCall.*)

Pharmacognosy: Only a few candidates produced well-drawn, large-scale, annotated drawings. . . . The recognition of crude drugs was quite well done, but the microscopic examination of official powdered drugs was less satisfactory. The general mediocrity of standard . . . may not be unconnected with war conditions. A similar fall in standards seems attributable to the same cause in examinations which I have recently conducted in Britain.—(*David McCall.*)

LIVERPOOL OPTIMISTIC ABOUT THE FUTURE

LIVERPOOL Chemists' Association and branch of the Pharmaceutical Society held a joint meeting on September 29, when Mr. W. S. Howells (president of the Pharmaceutical Society) spoke on "Matters that Matter in Pharmacy Today." COUNCILLOR W. J. TRISTRAM, J.P., who presided, said pharmacists were confronted with the prospect of the most important piece of legislation that had ever been produced in their lifetime. A deputation had recently waited on the Minister of Health, and the Minister was aware of the stand that was being made on behalf of pharmacy and of pharmacists' anxiety to give the public the best possible service.

No Revolutionary Changes

MR. HOWELLS said the pharmaceutical world was teeming with ideas, suggestions and advice on the rôle which pharmacy should play in the post-war life of the community. That there would be great changes could hardly be gainsaid, but he felt they would not be of a revolutionary character. He thought the public would not expect, or even accept, any radical overnight changes in the manner in which they received medical and pharmaceutical service. In his view changes would come about gradually. A concern of the speaker had been the position of pharmacists now serving in H.M. Forces, and their reinstatement in civilian life. Chemists who had had to close their shops to fight for their country should be given the first opportunity to re-establish themselves. It would be a grave injustice to these men and a terrible reflection on pharmacy if, on their return, they found themselves confronted with a host of competitors. In instances where permission had been given for other pharmacies to open in their area, strong representations should be made for the restoration of the *status quo ante bellum*.

Doctors' Part in Health Scheme

Following the decision of a recent British Medical Association conference, it did not appear that a complete State medical service would become likely in the near future. A scheme was likely to be put into operation in stages, and in the first of these, the machinery of the National Health Insurance Acts might be used—to be afterwards incorporated into the public health service of local authorities, or perhaps of a new authority. An early result might be to bring dependants of insured persons under National Health Insurance. When tha happened doctors might be offered th choice of full-time pensionable service o the opportunity to serve in the scheme o a co-operative basis.

The Pharmacists' Outlook

As pharmacists, they were concerned a the suggestion of health centres bein developed to the detriment of existin pharmacies. In the large centres it migh be desired to provide a pharmaceutica service, but for economic reasons th development of health centres on an elabor ate scale would be slow, and when they di come about they would not necessarily b incompatible with the dispensing of prescrip tions in local areas. Bringing dependant into the National Health Insurance woul mean that persons now attending the out patients' departments of hospitals woul take their prescriptions to pharmacies; an that many patients now receiving medicine from doctors' surgeries would get ther through the insurance scheme. The Phar maceutical Society, the National Pharmaceu tical Union and other organisations had hel a meeting to outline a policy based on th two principles that the supply of medicine under a State scheme should be undertake by pharmacists, and that the supply medicines should be regarded as a nation service and not subject to commerci competition. It was probable there woul be a Pharmacy Commission. The standar of service at shop pharmacies should b such that its transference, at a later stag to centres could not be justified on practic grounds. Standards of equipment, accom modation and staffing would be necessar and this might mean an improvement i the standard of some places today. Rota would have to be established and th contractor would have to participat because a comprehensive service must b available at any time that the patient migh require it. Standards would have to b devised on a national basis, and it would b the duty of the Pharmacy Commission t see to this. To provide a comprehensiv efficient and adequate service, the pharma cist must have dispensing as a substanti part of his business. If the main interes of the chemist was in other goods, it woul be difficult for him to give the type of servic required, but, given sufficient dispensin the speaker thought chemists would be mor interested in that side of the busines than in what might be called "commerci

pperies." Public money should not be d for opening pharmacies if adequate al facilities existed.

armacists' Remuneration

Till now, no attempt had been made to pose any basis for remuneration. Any scheme would present an opportunity remuneration to be fixed, if thought essary and desirable, on a different basis m that which had been adopted for H.I. It might be desirable to establish etaining fee plus payment for materials l services. Improved service should ermine the remuneration, not remunera- n the quality of the service. Generally, it med to him and to the pharmaceutical anisations that a Pharmacy Commission med the best way to provide a satisfac- y pharmaceutical service. If there was etter way, it was hoped that organisations oughout the country would consider ernatives and send them to headquarters.

Mr. W. S. Howells concluded by ising the Association for its support of Society's Benevolent Fund, which, h the efforts of other branches, had put Fund in its present strong position. In previous five years Liverpool had scribed £505 but £589 had been dis- sed in the area. The Secretary (Mr. E. Shepherd) announced that he had t sent out requests for contributions to ch there had been a response of £22 1s.

cussion

Mr. J. L. Hirst said they in Liverpool ays had in mind the situation that would e when men returning from the Forces ght to re-establish themselves. All ertised announcements of applications licences to open new businesses which ght affect existing pharmacies were efully scrutinised, and they had been cessful in limiting the opening of new rmacies. The Beveridge report did not cipitate a crisis in the affairs of phar- cy; on the other hand, it marked a stage a journey. Approached in the right it, it could yield useful benefits. Pharma- s had no need to be discouraged, because atever happened would benefit pharmacy.

Mr. H. Humphreys Jones expressed the e that the Pharmacy Commission would e to pass. Pharmacists should be paid a proper scale, and should not have to rt to the sale of other goods in order to ke a living. Before there could be an al pharmaceutical service something ld have to be done in regard to the ning of new entrants. It was a curious circumstance that the more successful a man was in business, the poorer, very often, the apprentice turned out. The Society should put its house in order and see that apprentices were properly trained—that would be legislating for future generations.

Mr. G. L. Clubb thought Mr. Howells tended to put remuneration in a place of secondary importance. If good work was wanted from the pharmacist, he must be paid for it. If the basis of remuneration was on the N.H.I. scale, it would not be possible to provide a first-rate service. What was wrong with the N.H.I. service was the principle of cost price in these days when there was an increasing tendency for the medical profession to order proprietary articles, plus dispensing fee. No service could be carried on on such remuneration.

Mr. H. Lomax, who said he had been in business thirty-three years, said it seemed that control was exercised over the qualified person, but not over the unqualified. In view of the number of Liverpool pharmacists in the Forces, there was a great danger that by the time they returned many unqualified persons would have opened shops.

Mr. W. E. Humphreys considered it would be wise for the Pharmacy Commission to control not only the training of apprentices, but the intake as well.

Applications Opposed

Mr. G. L. Clubb said that both the secretary of the Liverpool Chemists' Association and he, as secretary of the local branch of the N.P.U., carefully watched for advertisements about new businesses. Several applications had been successfully opposed.

Councillor W. J. Tristram said the same procedure governing the opening of new shops applied to the unqualified as to the qualified trader.

Replying to a vote of thanks proposed by Mr. A. F. Briggs, Mr. Howells remarked that pharmaceutical service was being remunerated today as a sideline service. Under the new scheme it was intended that pharmaceutical service should be given proper recognition and remunerated accordingly. He believed the conception of remuneration would be entirely different from that operating today. The Society had powers, in their by-laws, to examine or inspect a pharmacy at which it was proposed to employ apprentices, but the power had been exercised only in the case of hospitals and institutions, and not in respect of private shop pharmacies. It was intended to look into this after the war.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils repres the prices for wholesale quantities of standard quality. C.i.f. quotations do not incl marine war risk insurance and other abnormal charges payable in the present emerge

28 Essex Street, W.C.2, October 13

EXCEPTIONALLY quiet conditions have obtained in the London drug and chemical markets during the past few days. Apart from a few orders from the home consuming trades, little of interest has occurred, and price movements have been few. Among the PHARMACEUTICAL CHEMICALS, makers' and dealers' prices remain at about the levels recently prevailing. A further supply of dry powdered CASCARA SAGRADA EXTRACT, amounting to approximately 8,600 lb., has been released to the Botanical Drug Importers' Section of the London Chamber of Commerce by the Ministry of Supply, for distribution on behalf of the Ministry. The extract conforms to the new B.P. standard and on test is shown to represent 39·3 per cent. water-soluble matter. The price fixed for sale to consumers is 9d. per lb. The Ministry of Supply has also intimated that the new CASCARA SAGRADA bark, which will be available for distribution through the Section towards the end of the year, will be sold to consumers at 260s. per cwt.

Crude Drugs

Business in these commodities has mainly been confined to the filling of small routine orders from the home consuming trades. Prices, with one or two unimportant exceptions, are maintained at recent levels. As noted last week (p. 367), import licences are being recommended for both Cape and Curaçao ALOES. BALSAMS are generally steady and unchanged. BENZOIN continues to sell slowly at previously-quoted rates. No supplies of BUCHU are available to meet the sustained demand. Some COCHINEAL may be obtained for the manufacture of medicinal preparations. Small supplies of ERGOT are available on spot. Bleached GUM ACACIA is dearer. IPECACUANHA continues in good demand, but supplies are difficult to find. There appear to be no sellers of MENTHOL at the recently-controlled prices, but some quotations at higher figures are noted (see Editorial comment, p. 390). RHUBARB is quiet, with no quotable changes in values. SEEDS are neglected. Little business is passing in SPICES and there are no changes in recent rates. Chalky grey CARNAUBA WAX is slightly easier.

Essential Oils

No outstanding developments have curred in these markets during the we Spot supplies of ANISE (STAR) are sca and the price is nominal. English distil of CLOVE are quoting at unchanged ra Chinese PEPPERMINT is firm, with supp scarce. No changes have been notified the prices of controlled essential SYNTHETICS and ISOLATES remain gener in short supply, many of them being quired for essential purposes. Prices without quotable change.

Pharmaceutical Chemicals

ACETANILIDE.—Crystals may be obtaine 2s. 5d. per lb., and powder at 2s. 6d. Adequ supplies are available.

ALLOBARBITONE.—Steady at makers' cur price of 60s. per lb.

ASPIRIN.—Makers' prices steady. Cur rates per lb. for quantities of 28 lb.–1 cwt., as follows (containers in brackets): 4s. (1-l 3s. 10½d. (4-lb.); 3s. 9½d. (7-lb.); 3s. (14-lb.); 3s. 8½d. (28-lb.).

BISMUTH CO., PULV., N.F.—Prices per lb. quantities of 28 lb. to 1 cwt., are as follows (c tainers in brackets): 2s. 3½d. (1-lb.); 2s. (4-lb.); 2s. 1d. (7-lb.); 2s. (28-lb.). Terms one month.

BISMUTH SALTS.—The two leading salts quoted per lb. as follows: CARBONATE, un 4 lb., 11s. 8d.; 4 lb.–8 lb., 11s. 2d.; 8 lb.–28 10s. 5d.; 28 lb.–1 cwt., 9s.; not less than 1 c 8s. 9d. SUBNITRATE, under 4 lb., 10s. 4 lb.–8 lb., 9s. 9d.; 8 lb.–28 lb., 9s.; 28 1 cwt., 7s. 10d.; not less than 1 cwt., 7s. 7

BORAX.—Makers' prices are as follows: B granulated, £39 10s. per ton; crystal, £40 1 powder, £41, packed in 1-cwt. bags, carri paid in Great Britain, in one-ton lots and wards. Commercial quality, £8 per ton less.

BROMIDES.—Makers' prices for POTASS are as follows:—

Quantity	In parcels of				
	1 lb.	4 lb.	7 lb.	14 lb.	28
	s. d.	s. d.	s. d.	s. d.	s.
From 1 lb. . .	3 9¼	—	—	—	–
From 4 lb. . .	3 8¼	3 6¾	—	—	–
From 7 lb. . .	3 7¼	3 5¾	3 4¾	—	–
From 14 lb.	3 6¼	3 4¾	3 3¾	3 3¼	–
From 28 lb.	3 5¼	3 3¾	3 2¾	3 2¼	3

SODIUM, ¾d. per lb. extra; AMMONIUM, 2¾d. per lb. ex powder, 2d. per lb. extra. W.D.T.A. packing ch applies to packages of less than 1 lb.

UCINE.—Makers' current prices per oz. as follows: ALKALOID.—Under 25 oz., ½d.; 25 oz. and under 100 oz., 1s. 4d.; oz. and under 500 oz., 1s. 3½d. NITRATE ULPHATE.—Under 25 oz., 1s. 3½d.; 25 oz. nder 100 oz., 1s. 3d.; 100 oz. and under z., 1s. 2½d.

RATES.—Makers' prices per lb. for POTAS- in lots of 28 lb.–1 cwt., are as follows iners in brackets): 3s. 2½d. (1-lb.); 3s. 1d.); 3s. (7-lb.); 2s. 11½d. (14-lb.); 2s. 11d. .). IRON AND AMMONIUM (SCALES), B.P., d. per lb. above, and SODIUM is at 1d. per low these prices.

DEINE.—Makers' prices per oz. are as s: ALKALOID.—½ oz., 48s. 3d.; 1 oz., d.; 2 oz., 44s. 3d.; 3 oz., 43s. 6d.; 43s. 3d. HYDROCHLORIDE.—½ oz., 42s.; 39s. 6d.; 2 oz., 38s.; 3 oz., 37s. 3d.; 37s. PHOSPHATE.—½ oz., 37s. 9d.; 1 oz., d.; 2 oz., 33s. 9d.; 3 oz., 33s.; 4 oz., d.

AM OF TARTAR.—Steady at the current tion of 262s. per cwt., less 2½ per cent. nt.

LIC ACID.—Available at from 9s. to 10s. ., according to quantity.

CERIN.—Prices per cwt. for small sup- re as follows: 56-lb. tin, 99s.; 14-lb. tin, subject to 2½ per cent. discount, twenty- days.

IACOLS.—CRYSTALS and CARBONATE are ble at from 14s. to 15s. per lb.

GNESIUM CARBONATE, HEAVY.—Makers for the home trade the following prices in quantities of 28 lb.–1 cwt. (containers ckets): 1s. 6½d. (1-lb.); 1s. 5d. (4-lb.); (7-lb.); 1s. 3½d. (14-lb.); 1s. 3d. (28-lb.). net one month.

GNESIUM OXIDE, LIGHT.—Makers' prices for the home market, for quantities of –1 cwt., are as follows (containers in ts): 2s. 8d. (1-lb.); 2s. 6½d. (4-lb.); d. (7-lb.); 2s. 5d. (14-lb.); 2s. 4¾d.).

GNESIUM TRISILICATE.—Makers quote for me market, in quantities of 28 lb.–1 cwt., ows (containers in brackets): 3s. 6½d. per -lb.); 3s. 5d. (4-lb.); 3s. 4d. (7-lb.); d. (14-lb.); 3s. 3d. (28-lb.).

NDELATES.—Details of makers' prices for M, CALCIUM AND AMMONIUM MANDELATES iven last week (p. 368).

CURY IODIDES. — The following are s' prices per lb.: RED, less than 7 lb., d.; not less than 7 lb., 20s. 2d.; not less 4 lb., 19s. 8d. GREEN, less than 7 lb., d.; not less than 7 lb., 26s. 2d.; not less 4 lb., 25s. 8d. YELLOW, less than 7 lb., d.; not less than 7 lb., 27s. 7d.; not less 4 lb., 27s. 1d. net, carriage paid.

NOLPHTHALEIN. — Makers' prices are at the following levels: Less than 7 lb., per lb.; 7 lb., 4s. 5d.; 14 lb., 4s. 4d.; 4s. 3d.; 1 cwt., 4s. 2d.

POTASSIUM PERMANGANATE.—Makers' quotations of 1s. 10d. per lb. for B.P. is unchanged.

SANTONIN.—Home-trade prices are as follows: 10 kilos and over, £62; not less than 5 kilos, £63; 2–4 kilos, £64; 1 kilo, £65; 500 grams, £66; 250 grams, £67; 100 grams, £68; less than 100 grams, £69 per kilo. Carriage paid in United Kingdom.

SULPHANILAMIDE.—Quoted at from 10s. 6d. to 12s. 6d. per lb., according to quantity.

TERPINEOL.—For medicinal use at from 3s. 6d. to 4s. per lb.

VANILLIN.—Makers' prices for material manufactured from clove oil or guaiacol are steady at 22s. 6d. to 23s. 3d. per lb., according to quantity.

Crude Drugs

AGAR.—Kobe No. 1 may be obtained by approved users for bacteriological purposes at 65s. to 70s. per lb.

ALOES.—Cape continues in good demand, but spot supplies appear to be exhausted. Curaçao, spot, 480s. per cwt.

ANTIMONY.—English 99 per cent. regulus is available for essential requirements at £120 per ton, delivered; 70 per cent. for the home trade, £100 per ton, delivered.

BALSAMS.—Quotations for softish *Tolu* are steady at 14s. per lb. on spot; *Canada*, unchanged at 10s. 3d.; *Peru*, 8s. 6d. *Copaiba* is unobtainable.

BELLADONNA.—Indian leaf is offered on spot at 5s. to 5s. 6d. per lb., and Indian root at 4s. to 4s. 6d. per lb., both according to test.

BENZOIN.—Sales of a few odd cases continue, prices ranging between £22 10s. and £25 per cwt. for fair-quality Sumatra block. Free "almonds" would be at £32. Supplies for non-pharmaceutical purposes require the consent of the Director of Medical Supplies.

BUCHU.—Demand continues but no supplies may be obtained at present.

CAMPHOR.—In small request. Chinese crude may be obtained by approved buyers at 10s. per lb. and B.P. at 11s. 6d.

CARDAMOMS.—Aleppy greens are quoted on spot at 5s. 6d. per lb.; Aleppy seed, 6s. 6d.; split seed, 5s. 6d.

CASCARA SAGRADA.—Inquiry continues but no supplies are available (*see* Introduction).

CHILLIES.—Mombasa steady on spot at 120s. per cwt.

CLOVES.—Zanzibar unchanged on spot at 1s. 5½d. per lb.; second-grade, to arrive, 10d. per lb., c.i.f., sellers.

COCHINEAL.—Blacks, for medicinal preparations, 4s. 6d. per lb. on spot.

COCOA BUTTER.—Maximum official price remains at 1s. 5½d. per lb., ex factory or warehouse, except for sales made under Ministry of Food licence.

DIGITALIS LEAVES.—Portuguese, steady and unchanged at 135s. per cwt.; English-grown leaves, 2s. 6d. per lb.

ELEMI.—No. 1 gum, in small compass on spot, 340s. per cwt.

ERGOT.—Spot, sound material, 5s. 9d. per lb.; wormy, 5s. 3d.; shipment, 5s., c.i.f.

GALANGAL ROOT.—Quoted at 100s. per cwt., in bond Liverpool.

GUM ACACIA.—Kordofan cleaned sorts quoted on spot at 95s. per cwt.; bleached, 150s., c.i.f. Talha, cleaned, 55s. per cwt., landed terms.

HENBANE LEAVES.—Indian leaf is offered at from 200s. to 350s. per cwt., according to test. Russian leaves, to approved buyers, 3s. 6d. per lb.

IPECACUANHA.—In continued demand, but supplies are difficult to locate. Current prices of EXT. IPECAC. LIQ. are as follows: Winchesters, B.P., 1932, under three, 30s. 6d. per lb.; three and under six, 30s.; six and under twelve, 29s. 6d.; twelve and over, 29s.; B.P., 1914, under three, 28s. 6d.; three and under six, 28s.; six and under twelve, 27s. 6d.; twelve and over, 27s. per lb.; all prices quoted are on a net basis.

JALAP.—Brazilian root, testing 16 per cent., may be obtained on spot at 105s. per cwt.; 13 per cent., 95s.

KAMALA.—Material testing about 5 per cent. ash may be had on spot at 1s. 9d. per lb.

LIQUORICE ROOT.—Approved users can obtain Russian root for pharmaceutical purposes at 75s. per cwt., spot; cut Russian root, for non-pharmaceutical purposes, 96s. 6d. per cwt.

MENTHOL.—There appear to be no sellers at the recently-controlled price (see Editorial comment, p. 390).

MERCURY.—Official spot quotations range from £68 10s. to £69 15s. per flask, according to conditions and quantity, with higher rates for smaller lots and redistilled grades.

MYRRH.—Steady at £20 per cwt. for good-quality Aden sorts; pickings, £10.

NUTMEGS.—West Indian, spot, wormy and broken, 1s. 6d. per lb.; sound unassorted, 1s. 9d.

NUX VOMICA.—Washed and garbled Cochin may be obtained on spot at 42s. 6d. per cwt. Cocanada, spot, 37s. 6d. per cwt.; shipment, 32s. 6d. per cwt., c.i.f.

ORANGE PEEL.—Good-quality thin-cut may be had on spot at 4s. 6d. per lb.; some Spanish bitter quarters are offered at 4s. 3d. per lb.

PEPPERS.—Maximum prices of whole, not picked over or cleaned, on sale to processors, are: 1s. 4d. per lb. for white, and 1s. per lb. for black, both duty paid.

PIMENTO.—Spot sellers at 1s. 9d. per lb.; shipment, unquoted.

PODOPHYLLUM.—Untested material, spot, 95s. per cwt.

PSYLLIUM SEED.—Indian seed, in small compass on spot, 1s. 3d. per lb., ex store.

QUILLAIA BARK.—Crushed or cut bark, spot, 95s. per cwt.; natural, spot, 75s.; afloat, 65s., c.i.f.

RHUBARB.—Inquiry has been mainta Rough-round, spot, 8s. per lb.; flat high-c rough-coat, 8s. to 8s. 3d.; slightly wormy Shensi pickings, 10s.

SAPONIN.—Steady at 7s. 6d. per lb., ex s

SEEDS.—Imported seeds are extremely with no changes in quoted values. CORIAN —Indian, 90s. per cwt. CUMIN.—Ma spot, 120s.; Indian, 110s. DILL.—160s wharf Glasgow; 167s. 6d., ex wharf Lo FENNEL.—Nominal at 87s. 6d. FENUGRE May be had at 80s. MUSTARD.—Cont prices as recently recorded are unchanged

SENNA.—Quiet conditions continue, wi alteration in prices. Pods, Alexandrian me 3s. 9d. to 4s. per lb.; Tinnevelly, hand-pi 11d. to 1s. 5d.; ordinary grade, 10d. to manufacturing grade, 6d. to 7½d. Le broken Alexandrian, 1s. 3d. to 1s. 4d.; sif 1s. 2d.; Tinnevelly No. 1, 9d. to 10d.; N 7d. to 7½d.; No. 3, 5½d. to 6d.

SQUILL.—Spot quotations for Portu bulb are steady at 80s. per cwt.; Ir 72s. 6d.

STRAMONIUM LEAVES.—May be had dealers at 95s. per cwt., ex store.

STROPHANTHUS.—Small parcels of 10 cent. Kombé seed are offered on spot at 1 per lb.; larger parcels would be cheaper.

TRAGACANTH.—Firm at the levels rec last week. Medium grades are priced as fo No. 1, white, £130 per cwt.; No. 2, white, No. 3, white, £102; No. 4, white, £83; pal £73; amber leaf, £65; dark amber, £45; leaf, £35; red-and-brown leaf, £32; red from £30; hoggy, light, from £17; wood dark, £12.

TURMERIC.—Demand is lacking; pric changed. Madras finger, sound-quality, 57s. 6d. per cwt.; wormy, 55s.

VALERIAN ROOT.—Steady on spot at 95 cwt., ex store.

WAXES.—BEES'.—Obtainable only th the Association of Merchant Distribut Beeswax. CARNAUBA.—Quiet. Fatty spot, steady at 420s.; chalky grey, Primeira, 530s. per cwt.

Essential and Expressed

ANISE (STAR).—In short supply; nominal at 80s. per lb.

BAY.—Spot price of any available oil be in the region of 12s. 6d. per lb.

BOIS DE ROSE.—Spot supplies, if ava would fetch about 47s. per lb.

CAJUPUT.—Spot stocks are meagre; would be approximately 15s. per lb.

CINNAMON.—For leaf oil about 15s. 16s. per lb. would be required.

CITRONELLA.—Java, spot, about 25s. p Ceylon, approximately 21s. 6d.

CLOVE.—English distillers' prices ar changed at 11s. 6d. to 12s. per lb. for g B.P. oil, according to quantity.

CONUT.—Bulk supplies of refined deodor-re officially quoted at £49 per ton, and d hardened deodorised at £53, both naked rks.

TONSEED.—Bulk supplies are officially l as follows: Refined edible, £57 per ton; d deodorised, £58 per ton; both naked rks.

TON.—Quoted at 9s. 6d. per lb.

ALYPTUS.—About 5s. 9d. per lb. would nted for small spot supplies of oil con-g 70 to 75 per cent. cineole; 80 to 85 per would be worth about 6s., both grades d in drums.

ANIUM.—Genuine North African oil may tained at about 85s. to 90s. per lb., ling to quantity.

GER.—English-distilled oil is available at ximately 90s. per lb.

GERGRASS.—In small compass on spot at d 22s. 6d. per lb.

UNDNUT.—Controlled prices for bulk es are as follows: Refined deodorised, £58 n; refined hardened deodorised, to 40°, efined hardened deodorised, to 50° to 52°, ll naked ex works.

ONGRASS.—In small supply on spot at 13s. 6d. per lb.

MEG.—Oil from West Indian nutmegs e obtained at around 42s. per lb.

M.—Official price of refined deodorised s at £55 per ton and that of refined ed deodorised at £58 per ton, both naked rks.

M KERNEL.—Bulk supplies are officially as follows: refined deodorised, £49 per ardened refined deodorised, £53 per ton, aked ex works.

MAROSA.—Any available spot supplies of cent. would be worth around 35s. per lb.

CHOULI.—Good-quality oil, if available on ould be valued at approximately 72s. 6d.

ERMINT.—Firm and in poor supply; e, 110s. per lb.

TGRAIN.—Little available on spot; price 25s. per lb.

ESEED.—Bulk supplies of refined are ly quoted at £60 per ton, naked ex works.

EMARY.—Price of any available spot s would be in the region of 16s. per lb.

VERT.—Spot, if available, approximately r lb.

trolled Essential Oils.—The following are ntrolled prices per lb. for essential oils ed under the essential oils scheme (for see *C. & D.*, September 4, p. 255): *Lend-Oils (American):* Lemon, cold 1, 18s. 10½d.; lemon, distilled, 14s. 4d.; mint, 36s. 4d.; grapefruit, 18s. 2d.; 4s, 11s. 1½d.; caraway, 20s. 4½d.; worm-15s. (plus purchase tax); cedarwood, ; nutmeg, 23s. 3d. *Oils from Empire (maximum prices):* Clove, Zanzibar, 5s. 6d.; citronella, 5s.; lime, 46s. 3d.; lemon-grass, 5s. 6d.

Synthetics and Isolates.—Supplies of many of these products remain short and are not necessarily available because prices are quoted. In some cases all available stocks are required for essential purposes. AMYL ACETATE.—Pure, about 130s. per cwt.; technical, 109s. per cwt.; small quantities would be worth up to about 2s. per lb. AMYL SALICYLATE.—About 5s. per lb. BROMSTYROL.—100 per cent., about 30s. per lb. BUTYRIC ACID.—Now being manufactured in England; price about 7s. per lb.; esters from British-made butyric acid are also available. CINNAMIC ALDEHYDE.—Quoted at around 9s. per lb. CITRAL.—Chemically pure, about 55s. per lb. CITRONELLAL and CITRONELLOL.—Both nominal at 60s. to 70s. per lb. COUMARIN.—Quoted at approximately 17s. 6d. per lb. ETHYL PHTHALATE is not quoted. EUCALYPTOL.—About 13s. per lb. EUGENOL.—Around 23s. 6d. per lb. GERANIOL.—About 60s. per lb., ex palmarosa oil. GERANYL ACETATE.—Approximately 65s. per lb. IONONE.—100 per cent., around 75s. per lb. ISO-EUGENOL.—About 25s. 6d. per lb. RHODINOL.—From African geranium oil, about 150s. per lb.

COMING EVENTS

Saturday, October 16

ASSOCIATION OF SCIENTIFIC WORKERS (north-west area). Great Hall, College of Technology, Sackville Street, Manchester, at 3 p.m. Sir Robert Watson-Watt, C.B., F.R.S. (scientific adviser on telecommunications to the Air Ministry) on "The Freedoms of Science."

Sunday, October 17

MANCHESTER PHARMACEUTICAL ASSOCIATION. Ramble, Marple Disley to Mellor. Meet London Road Station, 9.30 a.m. Book Rose Hill (Marple) return. Carry lunch.

SOCIALIST MEDICAL ASSOCIATION, Conway Hall, Red Lion Square, London, W.C.1, at 3 p.m. Conference: "A National Service for Health." Speakers: Messrs. Hector McNeil, M.P., and Somerville Hastings, F.R.C.S., L.C.C.

Monday, October 18

ROMFORD BRANCH OF THE PHARMACEUTICAL SOCIETY, Market Room, Golden Lion Hotel, Romford, at 7.30 p.m. Dr. J. Stanley White on "The Prevention of Infectious Diseases in War-time."

Wednesday, October 20

MANCHESTER PHARMACEUTICAL ASSOCIATION, Manchester University Pharmacy Department. First lecture in refresher course.

Thursday, October 21

CHEMICAL SOCIETY, Burlington House, Piccadilly, London, W.1. at 2.30 p.m. Scientific meeting.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real n and address to the Editor

Preserving Duck Eggs

SIR,—Your reply to correspondent L.M.E. on the preservation of duck eggs (*C. & D.*, September 18, p. 300) would be fairly correct if it was intended to preserve wild-duck eggs or eggs collected from birds running freely and nesting just anywhere. If your correspondent is keeping the ducks in hygienic conditions, and the eggs are collected each morning on releasing the birds from their night quarters, then these freshly-laid eggs should preserve well. Normal waterglass solution is satisfactory, but it is essential that the eggs be thoroughly washed and placed in preserving solution within twenty-four hours of laying. The important points are clean, new-laid eggs and intact shells.

F. C. BENTLEY.

King's Lynn.

What Prospects for Apprentices?

SIR,—A friend of mine informed me the other day that he had managed to get a really fine lad as an apprentice in his pharmacy, and I remarked that I was sorry for the lad and hoped he would see his mistake before it was too late. That started an argument, and your readers may be interested to read just why I think there is little hope of a real future behind a chemist's counter. First let me state I have no reason to quarrel with my lot. . . .

(1) No amount of high-flying curriculum will allow more than about 10 per cent. of pharmacists to earn their living by exercising purely pharmaceutical skill and ability.

(2) The time and effort applied to qualification is not proportionate to the results, either financially or socially.

(3) That in any retail pharmacy, business ability is of far more importance than professional achievement.

(4) That pharmacy is an ideal profession for women, and should be left entirely to them.

. . . Eight out of every ten prescriptions I handle are for proprietary preparations, and half the total number of scripts I dispense are "panel," a goodly number being "stock." Net profit is probably about one-third of what it was forty years ago, when the druggist made his living by the exercise of his craft, and the sale of his own packed goods and proprietaries. Pharmacy has been very largely subsidised by cosmetics, photography and sidelines which would have been scorned by our predecessors. I need not remark upon the much improved conditions in pharm as they have done little more than step with shopkeeping generally, and have to a great extent been forced us, and to a lesser extent seized by a result of war-time conditions.

"R. E. BEL

Powers of the Statutory Commit

SIR,—Congratulations on a timely l on the Statutory Committee (*C. &* September 18, p. 289). Recent e indicate the enormous scope of the mittee's powers, and your printing of tion 7 (1) of the Pharmacy and Po Act, 1933, should clearly spell a warni all pharmacists, however occupied. professional pharmacists can fail to their cordial agreement with a discipl body of their profession, and no doubt regret such a body was not instituted i early days of the Pharmaceutical So but exception is taken to the unli powers of the Statutory Committee. parison with the General Medical Cou of considerable interest. The G.M.C. go a similar, or at least allied, profession w as time will go to prove, will dou become more closely connected with c ised pharmacy than is the case today fore the G.M.C. may erase a person fro register they must prove the ac "guilty of misconduct in any profes respect." The Statutory Committee ar bound to an "opinion" that an ac person has been guilty of misconduct renders him "unfit to be on the regi It is clear that though the G.M.C. ar cerned with "professional" miscond the Statutory Committee are not so li An aggrieved medical practitioner ha right of appeal. So have pharmacist the G.M.C. may be challenged in all c including the House of Lords; pharm may only go to the High Court. Th serious anomaly, for it must be emph that the House of Lords has not infreq reversed the decision given in the Court. While few pharmacists would the Statutory Committee's desire or to afford an examined person ample tunity to state his case fully and fai is most unreasonable (if not uncon tional) that a pharmacist should b hibited the opportunity of challeng decision in the highest court.

"PROVOCATI

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NATURAL AND SYNTHETIC

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CODOFORME BOTOL

TABLETS

(Indicated in all types of dry cough)

Owing to circumstances beyond our control, we regret that CODOFORME BOTOL has been in short supply for the last eighteen months, but we are now pleased to advise you that this preparation

IS AGAIN AVAILABLE
IN PACKINGS OF 20 AND 250 TABLETS

If any difficulty is experienced in obtaining supplies through the normal trade channels, you are invited to communicate with us.

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Manufacturers of Fine Chemicals
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Subject to war limitations our services are available and at the disposal of consumers.

FORBES' SLIPPERY ELM FOOD

for babies and invalid

¼ lb.	(10½d.)	-	8/– doze
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1 lb.	(2/3)	-	20/– ,,

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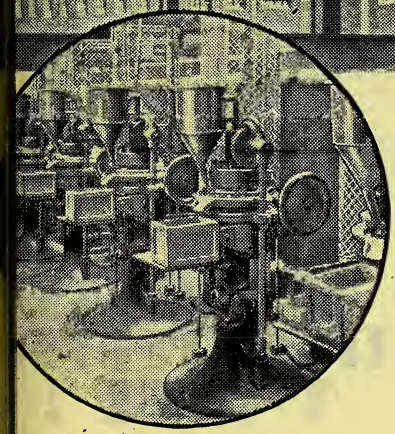

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ANNOUNCEMENT

ove is a section of the I.C.C. tablet nufacturing plant which is being used the production of wartime medical quisites for the Government.

The Government rightly demands all pharmaceutical supplies for its use to be of a uniformly high standard. It was with confidence that important contracts were entrusted the International Chemical Company Limited — urgent requisites which, vever, inevitably reduce the production of 'Bisurated' Magnesia blets. In these circumstances supplies of this popular line may be tailed, but we can give our assurance that our stocks of 'Bisurated' gnesia Powder — equally effective — are adequate to meet all needs.

INTERNATIONAL CHEMICAL CO., LTD.
BRAYDON ROAD · LONDON · N.16

Quart Measures in Pint Pots!

How to let the people know all about 'ASPRO', its service—safety—the quick help it renders, in limited space. That has always been a problem. A kindly advertising critic, remarking a few years back that 'ASPRO' had been "put on the map" in record time, commented that our advertisements were "crammed in with a shoe horn" —they were over-filled with interesting facts. Now our problem is intensified ten-fold by the reduced advertising space available in the Press. Nevertheless **these small advertisements are doing a grand job, maintaining and fostering the vast 'ASPRO' goodwill.**

The Chemist has his own problem. Although in many cases his display space is unchanged, he has to determine how to put it to the best possible use, both for the present and for the future goodwill of his business. It is worth remembering, therefore, that an 'ASPRO' show not only qualifies for bonus terms, **but capitalises and preserves for you the goodwill of the leading medicinal line.**

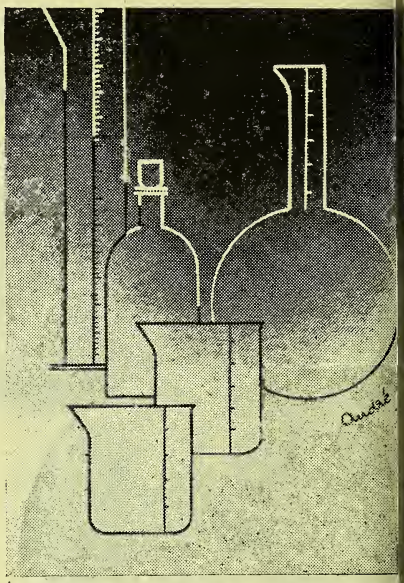
Fortunately, we are still able to supply a display or sticker on request, but **it has become a matter of vital concern to the Nation that every piece of display material should be made to last.** No more can be made or printed, so please use your present display as long as possible. When **it is really worn out,** put it with your other salvage and write us for a new one.

We have a limited supply of chemists 2-oz. bags available at 7/6 per 1,000.

'ASPRO'

Made in England by
ASPRO LTD., Slough, Bucks.
Telephone : Slough 22381

ASPRO REG. TRADE MARK



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"The therapeutic value and purity of 'Vironita' justify universal trade support. Whilst supplies are necessarily restricted at the present time, we are fulfilling customers' requirements to the best of our ability."

M. CALTHORPE & CO. LTD.
Manufacturing Chemists
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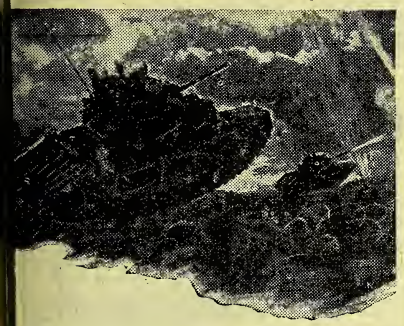
VIRONITA
Pronounced VYRO-NIGHT-A REG.
NATURES RESTORATIVE



rmoured . . .

The Battalions of to-day fight behind defensive armour. The armoured car has replaced the cavalry horse and infantry advance under the protection of massed tank formations.

Medical research, too, has provided defensive armour for the medical profession. The prevention of disease by protective measures against the invisible but numberless and ubiquitous foe—the disease germs—is singly lowering the general morbidity and lity.

gestion of the turgid nasal mucosa in acute hronic rhinitis, hay-fever, and sinusitis is rapidly d by use of the Karsodrine Inhaler. Maximal age with corresponding symptomatic relief is ed within five minutes. The powerful volatile onstrictor in the Inhaler penetrates to the utter- ecesses of the nasal cavity and sinuses, securing l drainage and aeration. With only one cap nove, the Karsodrine Inhaler is pre-eminently to use.

Retail Price **1/6** (Inc. Tax)

MULA: Ampheta- 0.330 grm.; Cineole, grm.; Ol. Citronell, grm.; Methyl Sali- 0.023 grm.; Ol. 0.005 grm.; Men- 0.049 grm.; Ol. pt, 0.089 grm.

Apart from its assured efficacy the Karsodrine Inhaler is an excellent financial proposition. The Retail Price is 1/6d. (inc. tax) which yields 5/2½d. per dozen profit. This applies equally to small quantities if ordered with other "Griffiths Hughes" products.

FFITHS HUGHES LIMITED

ADELPHI, SALFORD 3 MANCHESTER

ODUCT OF E G LABORATORIES

Autumn Reminders for Rexall Chemists

Rexall Bronchial and Catarrh Syrup

Rexall Asthma Powder

Rexall Bone and Nerve Liniment

Rexall Chilblain Remedy

Rexall Embrocation

Rexall Penetrating Liniment

Rexall Rubbing Oil

Rexall Menthol and Wintergreen Balm

Rexall Nasal Jelly with Ephedrine

Rexall Malt and Oil Products

Omissions from our usual full list are due to war conditions, but we are happy to continue being of service in meeting the public demand this Autumn.

UNITED DRUG COMPANY LTD.
KIRKEWHITE STREET
NOTTINGHAM

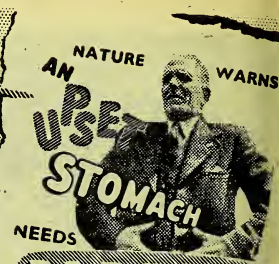
Let him help you sell **PLESOX**

"The man with a pain" is becoming a national figure. Strongly advertised in the Press and magazines throughout Britain, he is daily telling sufferers to get PLESOX at any good Chemists. PLESOX—the modern scientific stomach treatment, carries 33⅓% discount, is a strong "repeat seller"—and an ethical line, made from an extraordinarily fine formula. Retailing at 2/3 and 6/8 (including purchase tax). On the P.A.T.A. Order a dozen trial size (2/3) in attractive display carton. Prompt deliveries.

PLESOX

Distributed by EMMET DISTRIBUTING CO., LTD., 140 Park Lane, W.1

For Granto Laboratories, Ltd.



An upset stomach can only be put right by *natural* means. Its balance must be restored—and maintained—*naturally*. PLESOX does this. Co-operating with Nature it restores the natural rhythm and promotes the *balanced* flow of digestive juices—your system does the rest. Take PLESOX *now* and avoid chronic indigestion *later*. Remember the name—PLESOX—and forget your indigestion. Prices: 2/3, 4/2, 6/8.

STOCKED BY Boots OR ANY GOOD CHEMIST

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Living Profit Guaranteed 46 Years on the P.A.T.A.
Awarded Certificate of Merit at the Tasmanian Exhibition, 1891

KEARSLEY'S (150 Years' Reputation)
WIDOW WELCH's Original
FEMALE PILLS

9d. BOX PROFIT by ordering 1 dozen 2/10 size. Bonus box given on every dozen (13). It pays to push this size. Order from your Wholesale House. N.B.—These Pills do not contain any deleterious or prohibitive drugs, and can be sold with safety.

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Established 1787 In the Reign of King George III

Write for our special terms.

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ROCHE NEWS IN BRIEF

itamins B_1 and C in Bedsores

ttention was directed in a medical paper an unusual aspect of bedsores when defi-ncy of Vitamin B_1 and C was an apparent iological factor. During treatment for inal fracture a patient developed severe ultiple bedsores. There were 14 in all of rious sizes and depth, and the patient's neral condition also deteriorated. Vitamin in doses of 500 mg. was given intramus-larly and 50 mg. of vitamin B_1 intravenously r three days, followed by daily doses of o mg. vitamin C and two tablets of high tency vitamin B complex, given by mouth d supported by injections of 20 mg. of amin B_1 and 2 mg. of vitamin B_6 twice or ee times weekly. A high vitamin diet was o given. Within a week or so the sores re clean, with healthy granulation tissue ing the denuded areas. Progress continued, sores being completely healed by the end the fourth month. (*Med. Rec.*, 1941, 154, 389.)

amin B_1 for Warworkers

e intake of Vitamin B may still be below optimum for full efficiency despite the ption of high extraction flour in Great tain, and it is open to question whether Vitamin B content of the diet in English-aking countries is really adequate. Under sent-day conditions the increased amount heavy manual labour, the nervous strain, l the large proportion of starchy material wartime food have to be considered.[1] rk at the famous Mayo Clinic[2] showed t an experimentally induced B_1 shortage sed the subjects to become depressed and table, inefficient in their work, inattentive letails of their tasks, and lacking in manual terity. Long before any obvious signs ke their appearance there is a definite erioration which can be shown by psycho-logical tests indicating a reduced capacity for work which needs mental concentration and manual dexterity.

Supplies of Vitamin B_1

Aneurine Hydrochloride (Vitamin B_1) has been manufactured in this country on an increasingly large scale since 1938 by Roche Products Ltd., and is marketed under the trade name 'Benerva.' 'Benerva' Tablets are available in strengths of 1 mg. and 3 mg. in bottles of 20, 100 and 500. For hypodermic administration ampoules of 5 mg. and 25 mg. are also packed. There is no shortage of 'Benerva' Vitamin B_1 either as the simple preparation or as 'Benerva' Compound, which in addition to B_1 contains Lactoflavine 'Roche' Riboflavin 1 mg., Nicotinic Acid Amide 15 mg.

[1] *B.M.J.*, Oct. 24, 1942, p. 485.
[2] *Arch. Int. Med.*, 1942, 69, 721.

'SEDOBROL'
SEDATIVE BOUILLON

The original sedative provides an elegant and ingenious means of administering bromides. Each tablet contains 17 gr. sodium bromide with concentrated vegetable extracts and condiments. Not subject to Poisons Regulations. In tins of 10 and 30 Tablets. Subject to 33⅓% discount.

OCHE PRODUCTS LIMITED, Welwyn Garden City, Herts

The Natural Calcium Compound

'CALFOS' REGD. Tablets

'Calfos,' which is derived from natural sources, supplies calcium and phosphorus in a palatable, concentrated form which ensures absorption in the correct physiological ratio. It thus marks an advance in nutritional therapy of outstanding importance to all who suffer from calcium and phosphorus deficiency.

WIDELY ADVERTISED TO THE MEDICAL PROFESSION

TRADE & RETAIL PRICES

	Face Price Exclusive of Tax	*TRADE PRICE per dozen*	*Purchase Tax per dozen*	*Minimum Retail Price including Purchase Tax*
Box of 50 Tablets	**2/6**	**20/-**	**3/4**	**2/9½**
Box of 120 Tablets	**4/9**	**38/-**	**6/4**	**5/3½**

Special terms are available for hospital packs.

Supplies from your wholesaler or

CALFOS LIMITED

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The CHEMIST AND DRUGGIST SUPPLEMENT

Supplement is in-ed in every copy of Chemist & Druggist

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All goods guaranteed first-class quality. Samples and prices on request.

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ECTOR, Biddle Sawyer, requires Dictaphonist s Secretary. Knowledge chemical trade ed. Good salary. Phone Kelvin 4321.

ERIENCED Representative required for Yorkshire area by high-class Ethical Manu- ng Chemists to call on hospitals, doctors and ts. Must reside in territory. Write, stating xperience, qualifications and liability to y service, to "M.L.," c/o Charles Barker & td., 31 Budge Row, London, E.C.4.

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